

CATALOG 184

# MILWAUKEE HEAVY-DUTY ELECTRIC TOOLS

FOR CONTRACTORS AND INDUSTRY

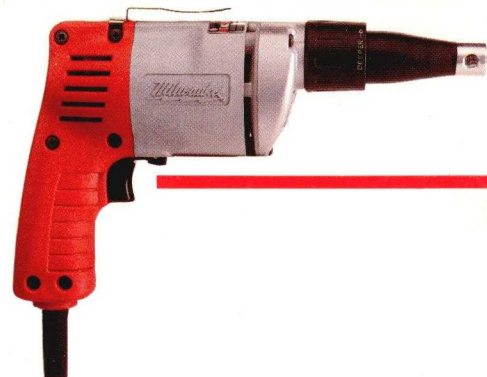
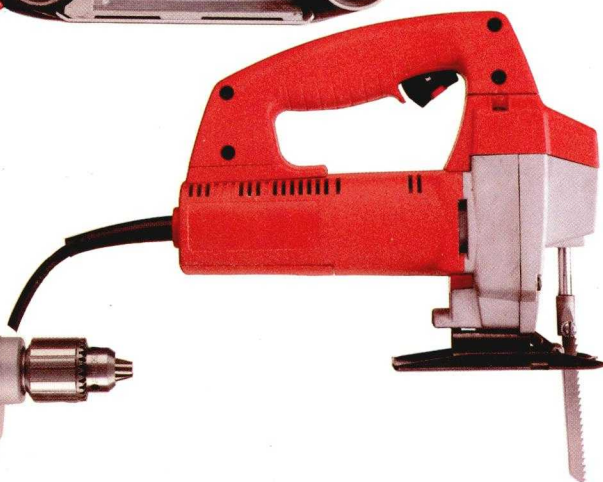
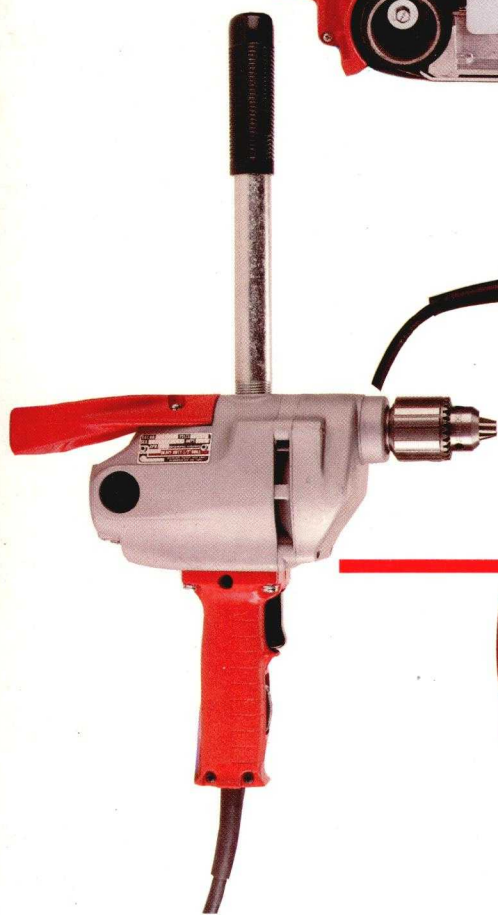
*Milwaukee*<sup>®</sup>

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*Milwaukee*<sup>®</sup>

☆ Amstar





**Milwaukee®**  
A SUBSIDIARY OF  
**Amstar**  
CORPORATION

**HEAVY-DUTY TOOLS**  
*for the Professional*



## **NEW 1-1/4" ROTARY HAMMER**

SEE PAGE **49**

*Lightweight... Only 13 Lbs.  
Drill Up To 4" Diameter with Core Bits  
3150 Blows/Minute*

## **NEW 1-1/2" ROTARY HAMMER**

" " **50**

*With Stop Rotation  
Drill Up To 6" Diameter with Core Bits  
Lightweight... Only 13.5 Lbs.*

## **NEW LIGHTWEIGHT 9" SANDER**

" " **82**

*Powerful, 13 Amps 5,000 R.P.M., 9" Sander  
High Performance — Lightweight... Only 9.25 Lbs.*

## **NEW POWERFUL 4" BELT SANDER**

" " **73**

*Excellent Tracking System...  
Superior Dust Collector System  
Perfectly Balanced*

## **NEW DRYWALL SCREW-SHOOTER**

" " **93**

*Lightweight, 3.5 Lbs., 0-4,000 R.P.M.  
Belt Clip  
NEW Improved Locator System*

## **NEW FAST 1" STROKE JIG SAW**

" " **68**

*Trigger Speed Control  
High Performance for Toughest Applications*

## **NEW COMPACT 1/2" HOLE-SHOOTER**

" " **16**

*More Powerful... 7 Amps... Cooler Running*

## **NEW CORDLESS 3/8" DRIVER/DRILL**

" " **10**

*Adjustable Clutch... 350 and 750 R.P.M.  
1 Hour Fast Charge... Outstanding Value*

## **NEW CLOSE QUARTER 3/8" DRILL**

" " **10**

*Handy in Any Confined Area... Trigger Speed Control*

## **NEW POWERFUL IMPACT WRENCH**

" " **106**

*Powerful 6.8 Amp MILWAUKEE Motor... 200 ft./lbs. Torque  
Compact, Balanced Design... Rocker Switch*



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**NOTE**

FOR YOUR CONVENIENCE, A QUICK REFERENCE LIST OF MILWAUKEE REPLACEMENT PARTS IS AVAILABLE FOR ALL TOOLS SHOWN IN THIS CATALOG: See your local MILWAUKEE DISTRIBUTOR or MILWAUKEE SERVICE CENTER

**Milwaukee**





# HEAVY-DUTY ELECTRIC TOOLS

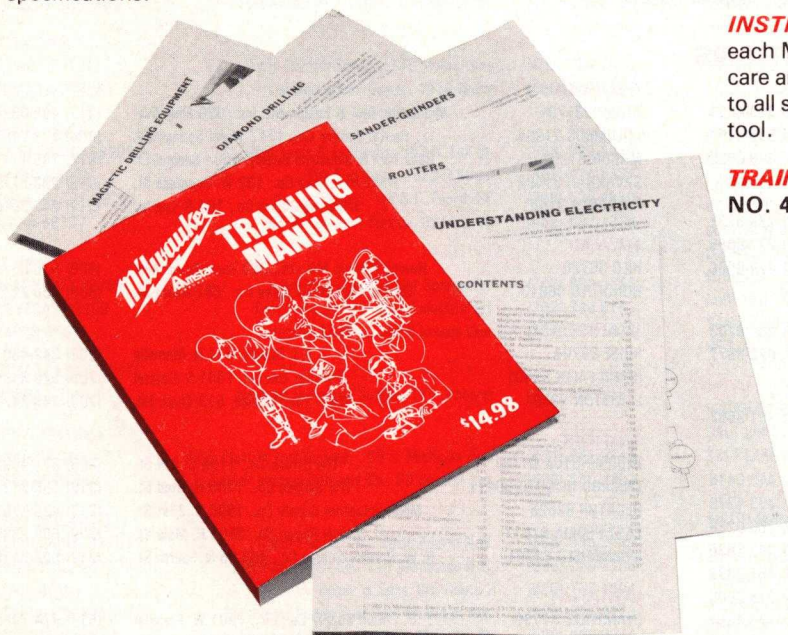
HIGHEST QUALITY MATERIALS AND WORKMANSHIP

**AUTHORIZED SALES:** MILWAUKEE Electric Tools are sold only through Authorized Distributors with experienced personnel to assist you in selecting the proper tools for your specific requirements. You derive a real advantage in buying from your MILWAUKEE Distributor. He not only maintains well balanced inventories of tools for immediate shipment, but places at your disposal the services of his trained and experienced personnel to advise you on special product applications. See "Yellow Pages" under "TOOLS—ELECTRIC" for the Milwaukee Distributor nearest you.

**TESTED — LISTED:** MILWAUKEE Heavy-Duty Tools bearing the monograms of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by their testing laboratories as having complied with their standards for safety. Continued compliance is assured by independent inspections by both agencies.



**MILWAUKEE MOTORS:** All MILWAUKEE motors are universal type which will run equally well on DC or AC (20 to 60 HZ) except those used on Bench Grinders, Water Pumps and Vacuum Pumps. Tools with switches or controls requiring AC operation are indicated as "AC" or "AC Only" under the tool's specifications.



## WARRANTY

Every MILWAUKEE Tool is thoroughly inspected and tested before leaving the factory. Should any trouble develop, return the complete tool prepaid to the Factory, Branch or nearest Authorized MILWAUKEE Service Station. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge and the tool will be returned, transportation prepaid.

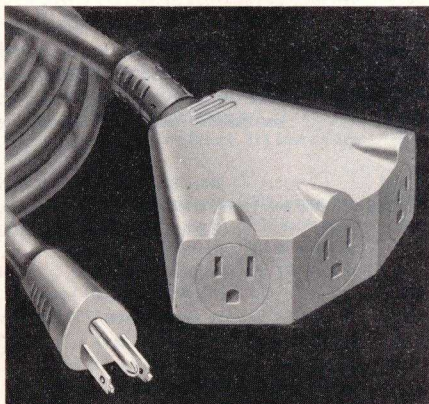
This warranty does not apply where: (1) repairs or attempted repairs have been made by persons other than Factory, Branch or Authorized Service Station personnel; (2) repairs are required because of normal wear; (3) the tool has been abused or involved in an accident; (4) misuse is evident such as caused by overloading the tool beyond its rated capacity; (5) the tool has been used after partial failure or (6) the tool has been used with an improper accessory. No other warranty written or verbal, is authorized.

**GENERAL INFORMATION:** The Milwaukee Electric Tool Corporation reserves the right to make any changes in or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.

**INSTRUCTIONS:** An instruction booklet is furnished with each MILWAUKEE Electric Tool. Please read it carefully for best care and performance. **IMPORTANT** — Pay particular attention to all safety precautionary measures before operating any power tool.

## TRAINING MANUAL: NO. 49-22-0120

A 237 page Training Manual packed with product knowledge of the portable electric power tool industry. Subjects deal with tool manufacture, electricity, safety, operation, and maintenance of an extensive line of power tools. Well illustrated to help any workman gain "in the field" tool operation experience. Simple understandable language that can be understood by persons new to the field of power tools. A "must" book for anyone who uses power tools.



## EXTENSION CORDS:

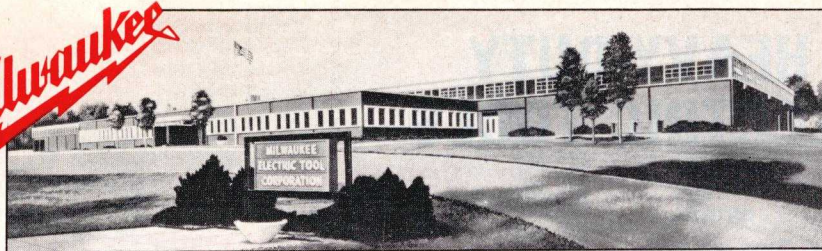
When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the tool. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage. (See charts on page 103.)

## TRIPLE TAP EXTENSION CORDS:

Extra Heavy-Duty. Three Wire, Grounded.

CATALOG NUMBER	LENGTH	GAUGE
48-76-0170	50'	12
48-76-0180	100'	12
48-76-0190	2'	12





**MILWAUKEE ELECTRIC TOOL CORPORATION**  
**CORPORATE OFFICE:** 13135 W. LISBON RD., BROOKFIELD, WI 53005  
**PHONE:** (414) 781-3600 **TWX No.** 910-262-3043

**DISTRIBUTION CENTER:**  
**MILWAUKEE DISTRIBUTION CENTER, INC.**  
**OLIVE BRANCH, MISSISSIPPI**

**MANUFACTURING FACILITIES:**  
**BROOKFIELD, WISCONSIN**  
**JACKSON, MISSISSIPPI**  
**BLITHEVILLE, ARKANSAS**

**CANADIAN SUBSIDIARIES:**  
**SCARBOROUGH, ONTARIO**  
**CALGARY, ALBERTA**

Our nation-wide network of **MILWAUKEE BRANCH OFFICES/SERVICE CENTERS** and **AUTHORIZED SERVICE STATIONS** has been established to assure you prompt, efficient service. They are staffed with factory trained

personnel and an adequate inventory of **MILWAUKEE** replacement parts. Should the need arise, they are your source for **MILWAUKEE** service or warranty repair.

## MILWAUKEE BRANCH OFFICES/SERVICE CENTERS

### ARIZONA

PHOENIX 85004  
 405 E. Watkins St.  
 (602) 256-7210

### CALIFORNIA

ANAHEIM 92801  
 1130 N. Magnolia St.  
 (714) 827-3970  
 (213) 624-7615  
 (213) 860-0349

S. SAN FRANCISCO 94080  
 329 Littlefield Ave.  
 (415) 583-8484  
 S.F.: (415) 761-2851

### COLORADO

DENVER 80219  
 2650 W. Second Ave.  
 (303) 922-1163

### FLORIDA

MIAMI 33122  
 8101 N.W. 33rd St.  
 (305) 592-0442

### GEORGIA

(Atlanta)  
 CHAMBLEE 30341  
 2381 John Glenn Dr.  
 (404) 455-7300

### ILLINOIS

(Chicago)  
 NILES 60648  
 5629 Howard St.  
 Chicago: (312) 539-9173  
 Niles: (312) 647-8407

### LOUISIANA

(New Orleans)  
 HARRAHAN 70123  
 5610 Jefferson Hwy.  
 (504) 733-8543

### MASSACHUSETTS

(Boston)  
 NEWTON 02158  
 143 California St.  
 (617) 244-4483

### MICHIGAN

(Detroit)  
 PONTIAC 48057  
 1120 Doris Rd.  
 (313) 373-3800

### MINNESOTA

(Minneapolis)  
 BLOOMINGTON 55435  
 4350 W. 78th St.  
 (612) 835-4910

### MISSOURI

KANSAS CITY 64120  
 1506 N. Topping  
 (816) 241-7300

### NEW YORK

(New York)  
 WOODSIDE 11377  
 27-07 Brooklyn-Queens  
 Expressway West  
 N.Y.: (212) 721-5151  
 N.J.: (201) 622-7752

### OHIO

CLEVELAND 44125  
 7600 Wall St.  
 (216) 524-8040

### PENNSYLVANIA

(Philadelphia)  
 BROOMALL 19008  
 388 Reed Rd.  
 (215) 544-5544  
 Phil.: (215) 528-6771

### TEXAS

DALLAS 75247  
 400 W. Mockingbird Lane  
 (214) 637-4820

HOUSTON 77007  
 4801 Katy Freeway  
 (713) 861-4671

### WASHINGTON

SEATTLE 98108  
 5419 Maynard Ave., S.  
 (206) 762-8430

### WISCONSIN

(Milwaukee)  
 BROOKFIELD 53005  
 4057 N. 128th St.  
 (414) 781-0951

## MILWAUKEE AUTHORIZED SERVICE STATIONS

### ALABAMA

BIRMINGHAM 35233 Power Tool Service, Inc., 1113 Fourth Ave., S. (205) 323-4311  
 HUNTSVILLE 35810 Tool Service, 4212 Oakwood Ave. (205) 539-5604  
 MOBILE 36606 Smith Power Tool Co., Inc., 2503 Commercial Park Dr. (205) 478-3335

### ALASKA

ANCHORAGE 99501 Aero Services Co., 203 Post Rd. (907) 272-5232  
 ANCHORAGE 99503 Alaska Tool & Equipment Service, 3207 Arctic Blvd. (907) 277-8685  
 FAIRBANKS 99706 Fairbanks Aero Services, Phillips Field (907) 479-6666

### ARIZONA

PHOENIX 85014 Glenns Tool Service, 4036 N. 13th Way (602) 264-6203  
 TUCSON 85719 Electric Motor Co., 1028 E. Broadway (602) 622-8877

### ARKANSAS

SPRINGDALE 72764 Tri-Bar Tool & Supply Inc., 800 W. Sunset (501) 751-3502

### CALIFORNIA

EUREKA 95501 Senn Electric, 1801 Fairfield St. (707) 443-0416  
 FRESNO 93721 Kimmerle Bros. Inc., 337 M St. (209) 233-1278  
 NORTH HOLLYWOOD 91605 Bucknall Power Tool Service, 11910 Vose St. (213) 765-0228  
 REDDING 96001 Barnett Supply Co. Inc., 3541 S. Market St. (916) 243-5536  
 SACRAMENTO 95819 Sacramento Ind. Electric, 6325 Elvas Ave. (916) 452-2828  
 SAN DIEGO 92110 Star Tool & Supply Co., 1028 Buenos Ave. (714) 275-2500  
 SANTA CLARA 95050 General Electric Tool Repairs, 364 Martin Ave. (408) 727-4454  
 SANTA ROSA 95401 Acme Electric Tool Repair, 742 Wilson St. (707) 546-5862

### COLORADO

AVON 81620 Tool Clinic, 41000 Hwy. 6, Bldg. 3, Unit 3 (303) 949-6282  
 COLORADO SPRINGS 80907 Devers Tool Repair, Inc., 3101 N. Hancock (303) 473-8338  
 FORT COLLINS 80522 Constr. Rental & Sales, 219 N. Summit View Dr. (303) 482-9523  
 GRAND JUNCTION 81501 Cross Electric Tool Service, 1310 Ute Ave. (303) 245-3158

### CONNECTICUT

BERLIN 06037 Portable Power Tool Repair, Inc., 873 Farmington Ave. (203) 828-8149  
 EAST HARTFORD 06108 Heldmann Tool Supply, Inc., 75 Charles St. (203) 289-2727  
 NEW HAVEN 06512 New Haven Electric Machine, 190 Fulton Terrace (203) 469-1323

### FLORIDA

FORT LAUDERDALE 33334 Broward Tool Repair, 3547 N. Dixie Hwy. (305) 566-4114  
 JACKSONVILLE 32208 Holland Repair, 6410 Norwood Ave. (904) 764-0586  
 LAKE PARK 33403 Action Bolt & Tool Co., 212 Newman Rd. (305) 842-7675  
 MIAMI 33150 Skyproducts, 10035 N.W. 7th Ave. (305) 759-8665  
 ORLANDO 32806 Florida Electric Motor Service, 1128 Atlanta Ave. (305) 425-8160  
 PENSACOLA 32501 M & W Electric Motor Service, 1250 Barrancas Ave. (904) 433-0400  
 TAMPA 33604 Electrical Repairs Inc., 7802 N. Florida Ave. (813) 238-1537  
 VERO BEACH 32960 Atco Tool Supply, Inc., 1785 Old Dixie Hwy. (305) 569-0326  
 WEST PALM BEACH 33405 Power Tool Inc., 5101 Georgia Ave. (305) 588-3542

### GEORGIA

ALBANY 31701 Mid-South Tool & Equipment, Inc., 620 Flint Ave. (912) 435-0084  
 COLUMBUS 31904 Rental Service Co., 1747 Warm Springs Rd. (404) 327-7407  
 MACON 31202 Bass Tool & Industrial Supply, 1034 Second St. (912) 745-1117  
 SAVANNAH 31402 White Hardware Co., 102 W. Congress St. (912) 233-5777  
 VALDOSTA 31601 Miller Hardware Co., 104 S. Lee St. (912) 242-3910

### HAWAII

HILO 96720 Hawaii Planing Mill Ltd., 380 Kanoehua Ave. (808) 935-0875  
 HONOLULU 96813 Central Services & Sales Inc., 687 Auahi St. (808) 536-2255

### IDAHO

BOISE 83704 K C Supply, 814 N. Manville (208) 342-4801  
 IDAHO FALLS 83401 Rossiter Electric, 1501 S. Capital (208) 529-3665  
 LEWISTON 83501 Wade Tool Service, 513 Thain Rd. (208) 746-2421

### ILLINOIS

BLOOMINGTON 61701 The Struck Co., 1106 E. Bell St. (309) 827-4691  
 CHICAGO HEIGHTS 60411 H-J Service Co., 1245 Halsted St. (312) 756-2123  
 DECATUR 62525 Miller Industrial Supply Co., 1695 N. 21st St. (217) 428-7787  
 EAST PEORIA 61611 C & H Repair Co., 2500 N. Main St. (309) 699-3338  
 SPRINGFIELD 62701 R. W. Bradley Supply Co., 403-05 N. Fourth St. (217) 528-8438

### INDIANA

EVANSVILLE 47730 Ram Supply Co., Inc., 1301 W. Franklin (812) 424-7988  
 FORT WAYNE 46805 Wagner Electric of Fort Wayne, 3610 N. Clinton St. (219) 484-5532  
 INDIANAPOLIS 46203 Anderson Bros. Tool Repair, 3531 Southeastern Ave. (317) 357-1102

### IOWA

CEDAR RAPIDS 52404 Jims Appliance Service, 901 Ninth St. S.W. (319) 364-0277  
 DAVENPORT 52802 Five Cities Tool Service Inc., 921 S. Rolff (319) 322-7068  
 DES MOINES 50301 Tools Inc., 1912 Sixth Ave. (515) 244-1516  
 DES MOINES 50317 Electrical Eng. & Equip. Co., 1808 Delaware St. (515) 282-0431  
 DES MOINES 50317 Iowa Industrial Products Inc., 2600 Delaware (515) 265-4281

### KANSAS

DODGE CITY 67801 Dalton Brothers, Inc., 1110 S. 14th (316) 227-2793  
 GARDEN CITY 67846 Mid-West Electric & Motor Shop, 1620 Jones Ave. (316) 275-6306  
 WICHITA 67211 B & B Electric Motor Co., 332 Lulu (316) 267-1238

### KENTUCKY

LEXINGTON 40508 City Electric Motor Shop, 631 Kennedy Rd. (606) 252-4751  
 LOUISVILLE 40217 Tool Repair Service, 1200 Goss Ave. (502) 635-6888



## MILWAUKEE AUTHORIZED SERVICE STATIONS (Continued)

### LOUISIANA

HARAHAN 70123 ..... Service Tool & Supply, 5480 Mounes St. (504) 733-4744  
NEW ORLEANS 70153 ..... Beerman Precision Inc., 4206 Howard Ave. (504) 486-9391

### MAINE

PRESQUE ISLE 04769 ..... Welding Supply Co., 46 Industrial St. (207) 764-6511  
WESTBROOK 04092 ..... Stultz Electric Works, Inc., 25 Bridge St. (207) 854-2501

### MARYLAND

FREDERICK 21701 ..... M & M Electric Motor Repair, 702 East St. (301) 663-1100  
TAKOMA PARK 20012 ..... Turner Electric Co., 201 Ethan Allen Ave. (301) 270-6800  
TOWSON 21204 ..... Duran Service Co., 8741 Mylander Lane (301) 321-9033

### MASSACHUSETTS

ALLSTON 02134 ..... Service Sales Corp., 442 Cambridge St. (617) 254-2444  
EVERETT 02149 ..... Panda Electrical Service, 165 Main St. (617) 389-1442  
HOLYOKE 01040 ..... Reliance Electric Service, 573 S. Canal St. (413) 533-3557  
PLYMOUTH 02360 ..... Colony Tool Supply, 301 Court St. (617) 746-2219  
WOBBURN 01888 ..... Star Sales & Distr. Corp., 29 Commerce Way (617) 933-8830  
WOBBURN 01888 ..... Sutton Electric Tool Service, 7 Cedar Dr. (617) 935-1664

### MICHIGAN

GRAND RAPIDS 49509 ..... J. T. Hoeksema Co., 2499 28 St. S.W. (616) 538-1870

### MINNESOTA

DULUTH 55806 ..... Diamond Drilling Supply Co., 2916 W. First St. (218) 628-3671  
MOORHEAD 56560 ..... Horvick Electric Motor Co., 303-307 Main Ave. (218) 233-1566  
ST. PAUL 55101 ..... Reeds Sales & Service, 1260 Payne Ave. (612) 774-9515

### MISSISSIPPI

JACKSON 39204 ..... Flannigan Electric Co., Inc., 1820 S.W. St. Ext. (601) 354-2756

### MISSOURI

BRIDGETON 63044 ..... Brocks Appliance Inc., 11707 Natural Bridge (314) 731-6282  
KANSAS CITY 64108 ..... Heath Sales & Service Inc., 518 E. 16th St. (816) 421-3330  
ST. LOUIS 63139 ..... P M Electric Co., Inc., 5280 Fyler Ave. (314) 351-4550  
SPRINGFIELD 65803 ..... Ozark Repair Inc., 210 W. Commercial St. (417) 865-8538

### MONTANA

BILLINGS 59101 ..... Teds Electric Service, 133 Moore Lane (406) 259-6418  
MISSOULA 59806 ..... Electro Service Center, 1919 Harve (406) 549-4115

### NEBRASKA

GRAND ISLAND 68802 ..... Gifco Tools & Fasteners, 363 N. Elm St. (308) 382-1670  
LINCOLN 68501 ..... The Tool House, 820 R Street (402) 474-5321  
NORTH PLATTE 69101 ..... Knapp Electric, 1900 E. Fourth St. (308) 532-4840  
OMAHA 68127 ..... All Makes Tool Service, 8914 H St. (402) 592-1230

### NEVADA

CARSON CITY 89701 ..... Bilbo Tool Co., 301 Hot Springs Rd. (702) 883-5256  
LAS VEGAS 89109 ..... Tool Services Inc., 3229 Industrial Rd. (702) 734-9161  
SPARKS 89431 ..... Industrial Electric, 340 B Kresque Lane (702) 331-1032

### NEW HAMPSHIRE

NASHUA 03061 ..... Hammar Industrial Supply, 175 Amhurst (603) 882-5161

### NEW JERSEY

KENILWORTH 07033 ..... Air & Electric Tool Service, 706 S. Michigan Ave. (201) 241-9144  
TRENTON 08638 ..... Sinclair Industrial Supply Co., 93 Second Ave. (609) 586-3300

### NEW MEXICO

ALBUQUERQUE 87107 ..... Telco Electric Inc., 2906 Fourth N.W. (505) 345-2426  
ALBUQUERQUE 87108 ..... J-M Tool Repair Co., 116 Tennessee N.E. (505) 255-2304  
CLOVIS 88101 ..... A. Boney & Sons, Inc. Route 2 (505) 762-1584  
FARMINGTON 87401 ..... Southwest Power Tool, 134 W. Butler Ave. (505) 327-4773  
LAS CRUCES 88001 ..... Chucks Electric Motor Inc., 240 N. Mesquite St. (505) 526-9214

### NEW YORK

BINGHAMTON 13904 ..... Hulbert Electric Inc., 78 Travis Ave. (607) 724-3968  
BUFFALO 14207 ..... Richter Electric Motor Repair, 2010 Niagara St. (716) 873-1600  
KINGSTON 12401 ..... Fowler & Keith, 104 Smith Ave. (914) 331-0004  
RIVERHEAD 17901 ..... Riverhead Electric Tool, 523 Pulaski St. (516) 727-5510  
ROCHESTER 14609 ..... O. G. Schwarz Co., 430 Atlantic Ave. (716) 482-9282  
SCHENECTADY 12303 ..... Barrett Electric Service Inc., 112 Henry St. (518) 374-4416  
SYRACUSE 13204 ..... Ramsing Electric Repairs, 914 Emerson Ave. (315) 468-1712

### NORTH CAROLINA

CHARLOTTE 28206 ..... Portable Tool Service, 3209 Cullman Ave. (704) 332-8337  
GREENSBORO 27408 ..... Tool & Equipment Service Co., 1607 Battleground (919) 273-6988  
RALEIGH 27601 ..... Specialty Tool Service, Inc., 305 W. Martin St. (919) 833-5903  
WINSTON SALEM 27115 ..... Power Tool Sales & Service, 150 Kapp St. (919) 724-5536

### OHIO

CINCINNATI 45210 ..... Cincinnati Electric Repair, 2023 Elm St. (513) 621-2183  
COLUMBUS 43222 ..... Alban Equipment Co., 1825 McKinley Ave. (614) 279-6352  
DAYTON 45403 ..... M & R Electric Motor Service, 1516 E. Fifth St. (513) 222-6282  
TOLEDO 43613 ..... Electric Tool & Equipment, Inc., 3156 Upton Ave. (419) 474-7537  
YOUNGSTOWN 44509 ..... Power Tool & Supply Co., 3699 LeHarps Dr. (216) 792-1487  
YOUNGSTOWN 44512 ..... Moff-Master Power Tools, 5228 Market St. (216) 783-2130

### OKLAHOMA

OKLAHOMA CITY 73108 ..... Capitol Electric Motor Repair, Inc., 2215 S.W. 11th (405) 235-9638  
OKLAHOMA CITY 73108 ..... Commercial Tool Repair, 340 S. Vermont (405) 947-2226  
TULSA 74120 ..... Hammond Electric Co., 1510 E. Third St. (918) 582-4104  
TULSA 74145 ..... American Tool Repair, 9300 Broken Arrow Exp. (918) 665-3753

### OREGON

BEND 97708 ..... Central Oregon Welders Supply, Inc., 101 N.E. Greenwood Ave. (503) 382-2362  
EUGENE 97402 ..... Jims Tool Service, 515 Wilson St. (503) 344-1243  
MEDFORD 97501 ..... Kens Saw Shop, 1838 Delta Waters Rd. (503) 779-1490  
PORTLAND 97214 ..... Chas. H. Day Co., Inc., 602 S.E. 11th (503) 232-1659  
SALEM 97309 ..... Valley Welding Supply, 2110 McGilchrist S.E. (503) 581-6400

### PENNSYLVANIA

ERIE 16505 ..... Knickerbocker Equipment Co., 3001 W. 17th St. (814) 833-7761  
MECHANICSBURG 17055 ..... Power Tool Service, 34 W. Allen St. (717) 697-8233  
PITTSBURGH 15233 ..... Snyder Electric Co., 1500 Chateau St. (412) 231-3100

### PUERTO RICO

RIO PIEDRAS 00929 ..... Ramelco Inc., 65th Infantry Station (809) 751-0131

### RHODE ISLAND

WARWICK 02888 ..... Babine Electric Service, 315 Jefferson Blvd. (401) 738-0333

### SOUTH CAROLINA

COLUMBIA 29203 ..... Mann Electric Repair, Inc., 3600 Main St. (803) 252-7777  
GREENVILLE 29602 ..... Service Repair Co., 15 Hyde St. (803) 242-5893

### SOUTH DAKOTA

ABERDEEN 57401 ..... J. B. Center, 710 Sixth Ave., S.W. (605) 229-5284  
SIOUX FALLS 57101 ..... Shakstad Authorized Service, 1400 Industrial Ave. (605) 336-3090  
SIOUX FALLS 57104 ..... Malloy Electric Motor Service, 809 W. Russell Ave. (605) 336-3693

### TENNESSEE

CHATTANOOGA 37404 ..... Dixie Industrial Service, Inc., 2108 E. Main St. (615) 698-8063  
KNOXVILLE 37914 ..... Electric Service Co., 3914 McCalla Ave. (615) 524-8607  
MEMPHIS 38104 ..... Southern Electric Co., 812 Porter St. (901) 774-4651  
NASHVILLE 37203 ..... K & K Tools, 606 Demonbreun (615) 255-9541

### TEXAS

ABILENE 79604 ..... Abilene Welding & Industrial, 222 N. Treadaway (915) 677-5205  
AMARILLO 79107 ..... G. E. Jones Electric Co., 208 14 N. Polk (806) 372-5505  
AUSTIN 78758 ..... The Tool Box, 9904-A Gray Blvd. (512) 836-5483  
BEAUMONT 77701 ..... Newton Rental Tool & Hardware, 530 Mariposa St. (713) 835-3979  
BRYAN 77801 ..... Bailey Oxygen & Tool Co., 812 S. Bryan St. (713) 779-7154  
CORPUS CHRISTI 78408 ..... Electric Motor Service, 838-D S. Padre Island Dr. (513) 851-1980  
LONGVIEW 75607 ..... Sobol Welders Supply Co., 1410 F-M Rd. 1845 (214) 757-3800  
LUBBOCK 79405 ..... Lubbock Electric Co., 1108-34th St. (806) 744-2336  
LUBBOCK 79408 ..... The Tool House, 1711 Texas Ave. (806) 747-4331  
MIDLAND 79701 ..... Midland Tool Specialty, 918 South Main (915) 682-4647  
SAN ANTONIO 78205 ..... Electric Motor Service & Sales, 1514 E. Commerce St. (512) 226-3462  
WESLACO 78596 ..... Russell Bearing & Auto, 723 E. State Hwy. (512) 968-5559

### UTAH

LOGAN 84321 ..... Glens Electric Motor & Supply, 501 Main St. (801) 752-4178  
SALT LAKE CITY 84104 ..... Diamond Electric Motor, 1465 S. Second W. (801) 484-4325  
SALT LAKE CITY 84115 ..... Electric Motor Supply Co., 1773 S. 300 W. (801) 486-7564

### VERMONT

SOUTH BURLINGTON 05401 ..... Burlington Rent-All, 23 San Remo Dr. (802) 658-4131

### VIRGINIA

NORFOLK, 23517 ..... Bryan Electric Co., 424 W. 25th St. (804) 625-0378  
RICHMOND 23261 ..... Staley Co., Inc., 2024 Chamberlayne Ave. (804) 321-6595  
ROANOKE 24013 ..... Lloyd Electric Co., 605 Third St. S.E. (703) 982-0135

### WASHINGTON

ABERDEEN 98520 ..... Electrical Apparatus Service, 621 W. State (206) 533-4164  
BELLINGHAM 98225 ..... Power Tool Service, Inc., 1852 N. State St. (509) 671-2110  
KENNEWICK 99336 ..... Tool Repair Co., 419 A.W. Entiat (509) 586-6147  
SPOKANE 99201 ..... K & N Electric Motors, 217 W. Cataldo (509) 328-3260  
SPOKANE 99220 ..... Safway Supply Inc., 1507 E. Sprague (509) 535-9841  
TACOMA 98409 ..... Center Electric Inc., 1212 S. 30th St. (206) 383-4416  
VANCOUVER 98665 ..... Clark County Saw & Tool, 7913 N.E. St. Johns Rd. (206) 574-2755  
YAKIMA 98902 ..... Cooper Electric Motor Service, 205 S. Fourth Ave. (509) 452-9550

### WEST VIRGINIA

CHARLESTON 25312 ..... A-1 Rental Inc., 555 - 29th St. W. (304) 744-6364

### WISCONSIN

GREEN BAY 54305 ..... Power Tool Service Co., 310 N. Webster Ave. (414) 437-2594  
LA CROSSE 54601 ..... Lackore Electric Motor Repair, 520 S. Third St. (608) 782-7635  
MADISON 53713 ..... Jet Power Tool Repair Inc., 970 Jonathon Dr. (608) 271-2315  
RACINE 53404 ..... Lakeshore Electric Company, Inc., 920 Wilson St. (414) 634-5889

### WYOMING

GILLET 82716 ..... Contractors Supply, Inc., Hwy. 59 South (307) 682-5153  
MILLS 82644 ..... Statewide Electric Co., Inc., 226 Van Horn Ave. (307) 265-2567  
ROCK SPRINGS 82901 ..... Tool Repair Center, 580 Mesa Dr. (307) 362-3931





# HEAVY-DUTY MAGNUM® HOLE-SHOOTERS

TRIGGER SPEED CONTROL with REVERSING SWITCH  
ALL BALL AND ROLLER BEARINGS



**1/4"** 0104-1  
0124-1



**3/8"** 0224-1



**1/2"** 0244-1



HEAVY-DUTY  
INDUSTRIAL CHUCK

**1/2"** 0234-1

POWERFUL 4.5 AMP  
0-850 RPM SPEED CONTROL  
FOR USING A FULL RANGE  
OF DRILLING ACCESSORIES

## EXCLUSIVE MAGNUM® FEATURES:

Exclusive Brush Cartridge System  
Change brushes in less than one minute.

Quik-Lok Cord Sets for 120 Volt Models Only

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' and 50' available.

## SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
0104-1 REV.*	1/4	120	4.5	0-2500	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4
0124-1 REV.	1/4	120	4.5	0-2000	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4
0224-1 REV.●	3/8	120	4.5	0-1200	DOUBLE	1/2"-20	48-66-0224	48-66-3280	10-1/2	4-3/4	6
0234-1 REV.†	1/2	120	4.5	0-850	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0244-1 REV.	1/2	120	4.5	0-600	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6

\* Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0106-3.

● Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0226-3.

† Available in 240 Volts AC Only. Double Insulated. Standard cord set (no Quik-Lok feature). Order Model No. 0236-3.

STANDARD EQUIPMENT: 8' Quik-Lok Cord, Chuck Key and Rubber Flex Key Holder. Side Handle is included with all models.



## HOLE-SHOOTER ACCESSORIES



MAGNUM®  
SIDE HANDLE

NO. 49-15-0260 For Aluminum Gear Case



QUIK-LOK  
CORD SETS

8' NO. 48-76-3008  
25' NO. 48-76-3025  
50' NO. 48-76-3050



TOOL  
HOLSTER  
NO. 49-17-0200

For  
Pistol Drills and  
Screw-Shooters

## SCREWDRIVER BITS



2" long Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	CATALOG NUMBER
Phillips No. 1	48-30-1510
Phillips No. 2	48-30-1520
Phillips No. 3	48-30-1500



Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F- 8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

## SCREWDRIVER BIT SET NO. 48-30-0100



Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. x 2" Socket Driver. For use with Trigger Speed Control Drills Nos. 0102-1, 0104-1, 0122-1, 0124-1, 0222-1, 0224-1, 0228-1 and 0234-1.





# HEAVY-DUTY HOLE-SHOOTERS

**SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH**

**ALL BALL AND ROLLER BEARINGS**

Shown with optional belt clip



**1/4" 0101**  
SINGLE SPEED

**1/4" 0102-1**  
TRIGGER SPEED CONTROL  
WITH REVERSING SWITCH



**1/4" 0141**  
SINGLE SPEED

**0181**  
**3/8" 0221**



TRIGGER SPEED CONTROL  
WITH REVERSING SWITCH

**1/4" 0122-1**

**3/8" 0222-1**



**HEAVY-DUTY  
INDUSTRIAL CHUCK**

**3/8" 0228-1**

**TRIGGER SPEED CONTROL  
WITH REVERSING SWITCH**

- LIGHTWEIGHT COMPACT
- POWERFUL 3.3 AMP MOTOR WITH SELF-STOPPING BRUSH CARBONS
- IMPACT RESISTANT, NON-CONDUCTIVE MOTOR HOUSING AND HANDLE
- ALUMINUM GEAR CASE AND DIAPHRAGM SUPPLIES GREATER SUPPORT FOR SHAFT AND BEARINGS
- VALUE AND PERFORMANCE IN ONE

## SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0101	1/4	120 AC	3	2500	SINGLE	3/8"-24	48-66-0260	48-66-3200	8-3/8	3-1/2	4-1/2
0102-1 REV.	1/4	120 AC ONLY	3	0-2500	SINGLE	#1 J.T. *	48-66-0230	48-66-3200	8-3/8	3-1/2	4-1/2
0122-1 REV.	1/4	120 AC ONLY	3.3	0-2000	DOUBLE	#1 J.T. *	48-66-0230	48-66-3200	8-3/4	3-3/4	4-1/2
0141	1/4	120 AC	3.3	3500	DOUBLE	3/8"-24	48-66-0260	48-66-3200	8-3/4	3-3/4	4-1/2
0181	1/4	120 AC	3.3	2500	DOUBLE	3/8"-24	48-66-0260	48-66-3200	8-3/4	3-3/4	4-1/2
0221★	3/8	120 AC	3.3	650	DOUBLE	3/8"-24	48-66-0800	48-66-3080	9-1/2	4	5
0222-1 REV.	3/8	120 AC ONLY	3.3	0-1000	DOUBLE	#2 J.T. *	48-66-0240	48-66-3080	9-1/2	4	5
0228-1 REV.	3/8	120 AC ONLY	3.3	0-1000	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5

★ Available in 240 Volts AC Only. Add -2 after Catalog Number when ordering. See price sheet. \* Jacobs Taper Spindle.

**See copy for specific applications** (Additional Accessories on pages 18 thru 25)

### RUBBER FLEX KEY HOLDER

NO. 48-66-4040  
FOR KEYS 48-66-3080,  
48-66-3240 and 48-66-3280

NO. 48-66-4080  
FOR KEY 48-66-3200



**PLUG  
ADAPTER**  
NO. 48-03-0010

### TYPE "E" GREASE

For All Drills  
NO. 49-08-4121  
1 LB. CAN

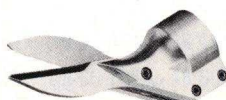


**BELT CLIP**  
NO. 48-67-0100

For Drill No. 0228-1 only. At-  
taches to top of drill for holding  
on belt or pockets.

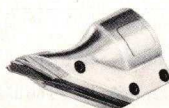
### STEEL CARRYING CASE

NO. 48-55-0710  
For Pistol Drills and Screw-  
Shooters.  
Overall size 13" long, 6" high  
and 8-1/2" wide.



### SCISSORS HEAD SHEAR ASSEMBLY NO. 48-08-0525

Ideal for cutting a wide range of pliable sheet materials such  
as carpeting, carpet underlay foam rubber, linoleum, vinyl,  
etc. Use with MILWAUKEE 1/4" HOLE-SHOOTER Model  
0181. See page 101 for complete SHEAR specifications.



### SWIVEL HEAD SHEAR ASSEMBLY NO. 48-08-0500

Use with MILWAUKEE 1/4" HOLE-SHOOTER Model 0181.  
See page 101 for complete SHEAR specifications.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY REVERSING CORDLESS DRIVER/DRILL

3/8" CAPACITY 9.6 VOLTS OF PORTABLE 2 SPEED POWER — 350 AND 750 RPM

**0210-1 (INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)**

**NEW**

• SPEED SELECTOR SWITCH

- **4 POSITION ADJUSTABLE CLUTCH**  
Select proper position on clutch ring for the type of application or material to be worked on.
- Position 1** — Light-duty screwdriving applications. For driving screws into soft materials.
- Position 2** — Medium-duty screwdriving applications.
- Position 3** — Heavy-duty screwdriving applications. For driving screws into hard woods.
- Position 4** — FOR DRILLING ONLY.

**FORWARD/REVERSE LEVER with SWITCH LOCK FEATURE**  
Locks tool in off position.

• **CHUCK KEY SECURED IN BUILT-IN HOLDER**



**BATTERY PACK**  
NO. 48-11-0080



**BATTERY CHARGER**  
NO. 48-59-0160



**CHUCK**  
NO. 48-66-0815

**CHUCK KEY**  
NO. 48-66-3350

## SPECIFICATIONS

SPECIFICATIONS				MAX. TORQUE RANGE (IN.-LBS.)				LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
CATALOG NUMBER	VOLTS DC	SPEED	SPEED (NO LOAD) RPM	DRIVER			DRILL			
				POSITION 1	POSITION 2	POSITION 3	POSITION 4			
0210-1 REV.	9.6	HIGH	750					8-3/4	3-1/2 *	7-1/2 **
		LOW	350	12.0	18.0	27.6	78.0			

"REV." after Catalog Number indicates reversing motor.

\* NET. WGT.—Driver/Drill with Battery Pack only.

\*\* SHP. WGT.—Driver/Drill, Battery Pack and Charger.

**STANDARD EQUIPMENT:** 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, one #2 Phillips Bit and Chuck Key No. 48-66-3350.

# REVERSING CLOSE QUARTER DRILL

3/8" CAPACITY TRIGGER SPEED CONTROL 0-1300 RPM

**NEW**

**0375-1**

- HIGH IMPACT HOUSING
- DOUBLE INSULATED
- QUIET RUNNING
- LIGHTWEIGHT

The unique design of this tool features a 55° angled chuck for easy access to tight places. It is also ideal for general maintenance in all types of factories and at only 3.5 pounds is easy to use.

## SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	SPEED (NO LOAD) RPM	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0375-1 REV.	115	3.5	0-1300	10	3.5	6

"REV." after Catalog Number indicates reversing motor.

**STANDARD EQUIPMENT:** 3/8" Drill, chuck key No. 48-66-3240 and rubber flex key holder No. 48-66-0795.



**CHUCK**  
NO. 48-66-0795

**CHUCK KEY**  
NO. 48-66-3240

**RUBBER FLEX KEY HOLDER**  
NO. 48-66-0795





# HEAVY-DUTY "D" HANDLE HOLE-SHOOTERS

SINGLE SPEED or TRIGGER SPEED CONTROL with REVERSING SWITCH

## TRIGGER SPEED CONTROL MODELS

1/2" CAPACITY

0-600 RPM and 0-500 RPM

QUIK-LOK CORDS

ALL BALL AND ROLLER BEARINGS

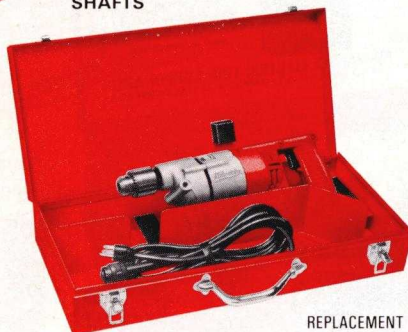


• DURABLE, GLASS REINFORCED NYLON HANDLES

• POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER  
• HELICAL CUT STEEL GEARS — HARDENED SHAFTS

OPTIONAL  
STEEL CARRYING CASE  
NO. 48-55-1400

Heavy-Duty 20 gauge steel case designed to fit Drill and up to 6" bit without removal of bit for storage. Order separately.



MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life. Double Insulated Construction with 3 wire grounded system.

OPTIONAL ADJUSTABLE  
SIDE HANDLE  
NO. 49-15-0200



QUIK-LOK CORD SETS

MILWAUKEE'S exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.



DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050

## SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1007-1 REV.	1/2"	120	4.5	0-600	DbI.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT: Both models — Side Handle No. 43-62-0600, Chuck Key and Rubber Flex Key Holder, 8' Quik-Lok Cord Set No. 48-76-3008.

TYPE "A" GREASE

1/2 LB. CAN  
NO. 49-08-0500  
1 LB. CAN  
NO. 49-08-0800

## SINGLE SPEED MODELS

1/4", 3/8", 1/2" CAPACITIES

1800-350 RPM

ALL BALL AND ROLLER BEARINGS



STEEL  
CARRYING CASE  
NO. 48-55-1400  
Same Carrying Case as described above.

OPTIONAL ADJUSTABLE  
SIDE HANDLE  
NO. 49-15-0200



## SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0801	1/4	120	6.2	1800	DbI.	1/2"-20	48-66-0300	48-66-3200	13-1/4	5-3/4	9
0871	3/8	120	6.2	1350	DbI.	1/2"-20	48-66-0840	48-66-3280	13-7/8	6-1/2	10
1001-1 REV.	1/2	120	4.5	600	DbI.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1250-1 REV.	1/2	120	6.2	950	DbI.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/2	10

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT: All models — Side Handle No. 43-62-0600, Chuck Key and Rubber Flex Key Holder.

TYPE "A" GREASE

1/2 LB. CAN  
NO. 49-08-0500  
1 LB. CAN  
NO. 49-08-0800





# HEAVY-DUTY MAGNUM® RIGHT ANGLE DRIVE KIT

TRIGGER SPEED CONTROL with REVERSING SWITCH

- COMPACT DESIGN FOR DRILLING BETWEEN STUDS, JOISTS AND OTHER CLOSE QUARTERS • FOR USE WITH UP TO 2-1/8" SELF-FEED BITS
- QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT, 8' STD. EQUIP., 25' and 50' AVAILABLE • ALL BALL AND ROLLER BEARINGS



**QUIK-LOK CORD SETS**  
8' QUIK-LOK NO. 48-76-3008  
25' QUIK-LOK NO. 48-76-3025  
50' QUIK-LOK NO. 48-76-3050

**TYPE "E" GREASE**  
NO. 49-08-4121  
1 LB. CAN

## 3300-1 MAGNUM RIGHT ANGLE DRIVE KIT

KIT contains 1/2" MAGNUM® Drill No. 0234-1, Right Angle Drive Unit, 8' Quik-Lok Cord, Side Handle with Clamp, 9/16" Open End Wrench, Knockout Pin and Steel Carrying Case.

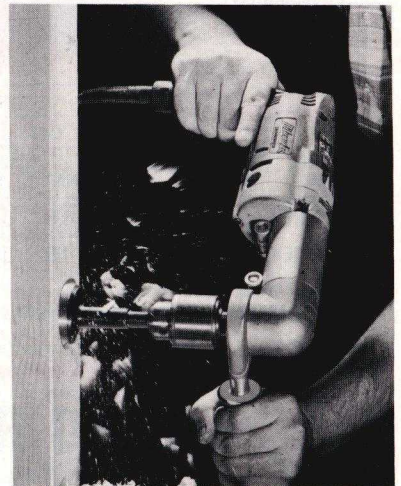


**STEEL CARRYING CASE**  
(When Ordered Separately)  
NO. 48-55-0200



**NOTE**  
With Right Angle Head removed, tool becomes a No. 0234-1 1/2" capacity straight drill.

SELF-FEED BITS, FLAT BORING BITS, AUGER BITS, HOLE SAWS, SHIP AUGER BITS, TWIST DRILLS ARE LISTED ON PAGE 18 THRU 25.



## CAPACITIES OF NO. 3300-1 KIT

(1/2" DRILL NO. 0234-1 ONLY, AND WITH RIGHT ANGLE DRIVE UNIT ATTACHED)

	MAX. RPM	WOOD APPLICATIONS					STEEL APPLICATIONS	
		SELF-FEED BIT	FLAT BORING BIT	AUGER BIT	HOLE SAW	SHIP AUGER BIT	TWIST DRILL	HOLE SAW
1/2" DRILL NO. 0234-1	0-850	1-1/8"	1-1/2"	7/8"	3-1/4"	7/8"	1/2"	1-3/8"
NO. 3300-1	HIGH 0-1275	1"	1-1/2"	3/4"	2-3/4"	3/4"	1/2"	1-3/16"
	LOW 0-565	2-1/8"	1-1/2"	1-1/8"	3-1/2"	1-1/8"	1/2"	1-1/2"





# HEAVY-DUTY REVERSING RIGHT ANGLE DRILL KITS

FOR USE WITH UP TO 2-9/16" SELF-FEED BITS



## STEEL CARRYING CASE

Heavy-Duty 20 gauge steel case.

CASE ONLY NO. 48-55-1400

## TYPE "A" GREASE

NO. 49-08-0500 NO. 49-08-0800  
1/2 LB. CAN 1 LB. CAN

## SPECIFICATIONS

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE HIGH SIDE	SHIPPING WEIGHT LBS.
<b>NO. 3102-1 PLUMBERS RIGHT ANGLE DRILL KIT</b>					
3102-1	1101-1 REV.	48-06-2871	500	335 750	21
<b>NO. 3202-1 PLUMBERS RIGHT ANGLE DRILL KIT</b>					
3202-1	1201-1 REV.	48-06-2871	350	230 525	21
<b>NO. 3002-1 ELECTRICIANS RIGHT ANGLE DRILL KIT</b>					
3002-1	1001-1 REV.	48-06-2871	600	400 900	21
<b>NO. 3107-1 VARIABLE SPEED RIGHT ANGLE DRILL KIT</b>					
3107-1	1107-1 REV.	48-06-2871	0-500	0-335 0-750	21

## SPECIFICATIONS

FOR DRILLS INCLUDED IN ABOVE KITS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	DbI.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1107-1 REV.	1/2	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2

"REV." after Catalog Number indicates reversing motor.

- 3102-1 PLUMBERS KIT
- 3202-1 PLUMBERS KIT
- 3002-1 ELECTRICIANS KIT
- 3107-1 VARIABLE SPEED KIT \*

- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS — HARDENED SHAFTS
- DURABLE, GLASS REINFORCED NYLON HANDLES
- ALL BALL AND ROLLER BEARINGS

Head and handle  
swivel 360° and  
can be locked tight  
in any position.



## \*3107-1 with MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life. Double Insulated Construction with 3 wire grounded system.

## QUIK-LOK CORD SETS FOR USE WITH 3107-1

Cord sets provide instant field replacement or substitution. To remove cord, turn cord nut 1/4 turn to left. Pull cord set off.

8' QUIK-LOK 48-76-3008  
25' QUIK-LOK 48-76-3025  
50' QUIK-LOK 48-76-3050



## STANDARD EQUIPMENT:

NO. 3102-1 Kit contains NO. 1101-1, 500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

NO. 3202-1 Kit contains NO. 1201-1, 350 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

NO. 3002-1 Kit contains NO. 1001-1, 600 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-1400.

NO. 3107-1 Kit contains NO. 1107-1, 0-500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, 8' Quik-Lok Cord Set NO. 48-76-3008 and Steel Carrying Case NO. 48-55-1400.





# HEAVY-DUTY ANGLE DRIVE UNITS

TO CONVERT STRAIGHT DRILLS TO ANGLE DRILLS

## RIGHT ANGLE DRIVE UNIT



Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery equipment. Provides two additional drilling speeds. Chuck transferred from drill to LOW spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.

**NO. 48-06-2870** For drills with non-reversing motors. Drill or chuck not included. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

**NO. 48-06-2871** For drills with reversing motors. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.



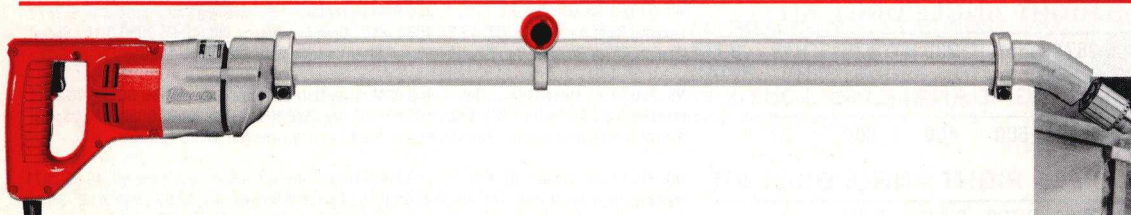
Head and handle swivel 360° and can be locked tight in any position.



## WITH DRILL...USE RAD UNIT

DRILL CATALOG NO. AND TYPE	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE
0234-1 REV. MAGNUM PISTOL DRILL	<b>48-06-2871</b>	0-850	0-565	0-1275
0236-3 REV. MAGNUM PISTOL DRILL	<b>48-06-2871</b>	0-850	0-565	0-1275
0244-1 REV. MAGNUM PISTOL DRILL	<b>48-06-2871</b>	0-600	0-400	0-900
0801 "D" HANDLE DRILL	<b>48-06-2870</b>	1800	1200	2700
0871 "D" HANDLE DRILL	<b>48-06-2870</b>	1350	900	2025
1001 "D" HANDLE DRILL	<b>48-06-2870</b>	600	400	900
1001-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	600	400	900
1007-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	0-600	0-400	0-900
1101 "D" HANDLE DRILL	<b>48-06-2870</b>	500	335	750
1101-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	500	335	750
1107-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	0-500	0-335	0-750
1201-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	350	230	525
1250-1 REV. "D" HANDLE DRILL	<b>48-06-2871</b>	950	630	1425

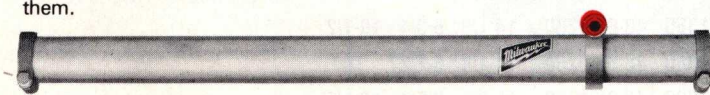
"REV." after Catalog Number indicates reversing motor.



### 33° ANGLE DRIVE KIT NO. 48-06-2860

FOR DRILL MODELS 0234-1 REV., 0236-3 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

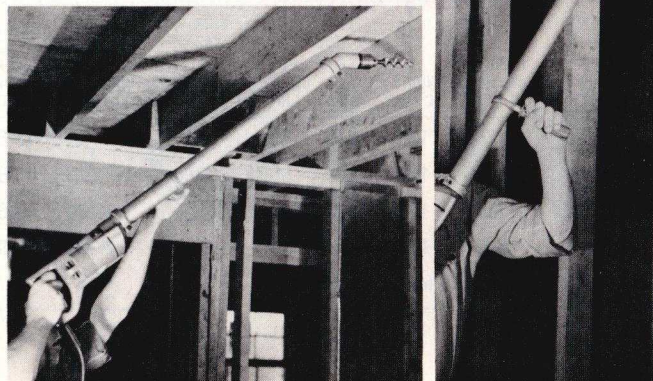
Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° Angle Drive unit. Use 33° Angle Drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.



### 30" EXTENSION NO. 48-95-0400

FOR DRILL MODELS 0234-1 REV., 0236-3 REV., 0244-1 REV., 1001-1 REV., 1006-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

30" extension available separately for use with MILWAUKEE RAD units NOS. 48-06-2870 and 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars, and side handle. Purchase RAD unit separately.





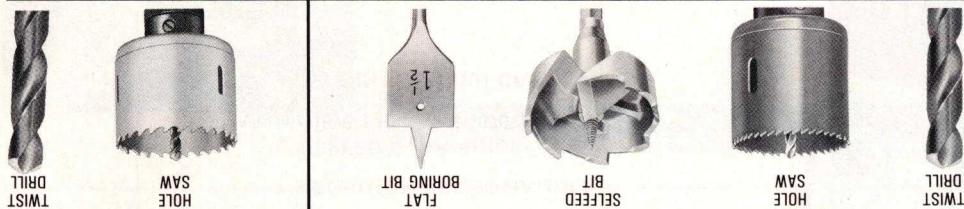
\* Available in 240 Volts AC Only. Double Insulated. Order Catalog No. 1662-3.  
"REV." after Catalog No. indicates reversing type motor.

NOTE: AC ONLY SWITCH PROVIDES LONGER LIFE WHERE DC CAPABILITY IS NOT NEEDED.

NEW CATALOG NUMBER	OLD CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN AND THREAD	SPINDLE DIAMETER (CHUCK KEY INCLUDED)	CHUCK REPLACEMENT CATALOG NO.	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP.
1610-1 REV.	1600-1 REV.	1/2	120 AC ONLY	7	650	DBL.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1630-1 REV.	1620-1 REV.	1/2	120 AC ONLY	7	900	DBL.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1660-1 REV. *	1650-1 REV. *	1/2	120 AC-DC	7	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1665-1 REV.		1/2	120 AC ONLY	7	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13

## SPECIFICATIONS

RECOMMENDED ACCESSORY CAPACITY	CATALOG NUMBER (NO LOAD) RPM	1610-1 REV.	1630-1 REV.	1660-1 REV.	1665-1 REV.
1/2"	650	1/2"	1/2"	1/2"	1/2"
3-1/2"	3-1/2"	3"	4-1/2"	4-1/2"	4-1/2"
2-9/16"	2-1/4"	3"	1-1/2"	1-1/2"	1-1/2"
1-1/2"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
2-1/4"	2-1/4"	1-3/4"	2-5/8"	2-5/8"	2-5/8"
1/2"	1/2"	1/2"	1/2"	1/2"	1/2"



STEEL

WOOD



**NEW** HEAVY-DUTY ALUMINUM HOUSING LIGHTWEIGHT KEY-TYPE CHUCK JACOBS INDUSTRIAL SYSTEM

**NEW** LONGER PIPE HANDLE REMOVABLE FOR CLOSE QUARTER DRILLING

**NEW** MORE POWERFUL, 7 AMP MOTOR, COOLER RUNNING

**NEW** BRUSH DESIGN FOR FAST EASY CHANGE

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE, GLASS FILLED NYLON SPADE AND BOTTOM HANDLES

**NEW** RUGGEDLY BUILT, COMPACT RESERVE POWER for toughest drilling jobs. Gears are helical-cut for quiet performance, heat treated, moly chrome alloy steel for high torque transmission with minimum wear. Drive shafts run smoothly on pre-lubricated ball bearings.

ALL BALL BEARINGS REVERSING

# HEAVY-DUTY COMPACT HOLE-SHOOTERS



1610-1 650 RPM  
1630-1 900 RPM  
1660-1 450 RPM  
1665-1 450 RPM

**NEW** Milwaukee

TYPE "A" GREASE 1/2 LB. CAN NO. 49-08-0500 1 LB. CAN NO. 49-08-0800



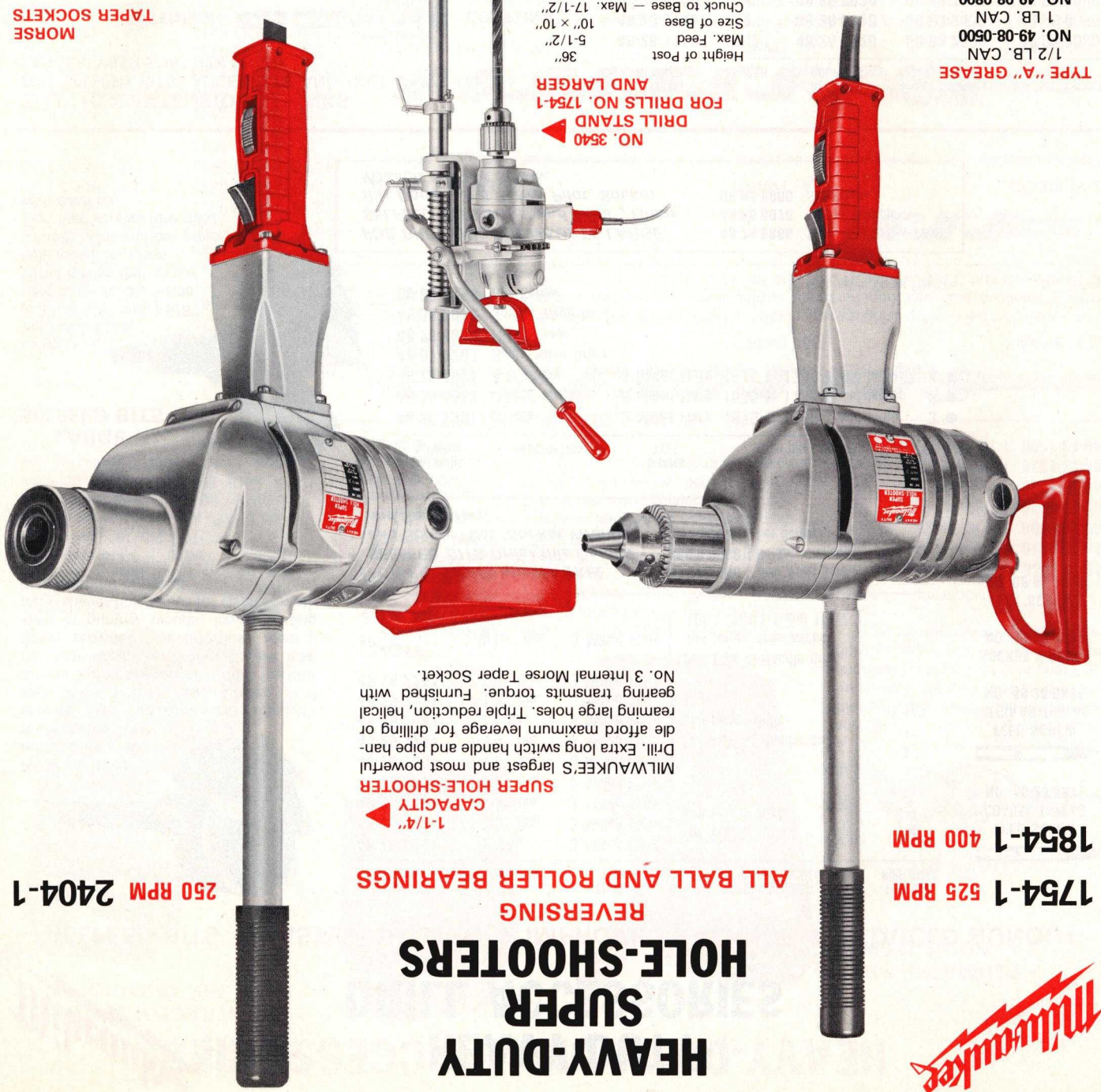


# HEAVY-DUTY SUPER HOLE-SHOOTERS

REVERSING  
ALL BALL AND ROLLER BEARINGS

1754-1 525 RPM  
1854-1 400 RPM

**1-1/4" CAPACITY  
SUPER HOLE-SHOOTER**  
MILWAUKEE'S largest and most powerful  
Drill. Extra long switch handle and pipe han-  
dle afford maximum leverage for drilling or  
reaming large holes. Triple reduction, helical  
gearing transmits torque. Furnished with  
No. 3 Internal Morse Taper Socket.



TYPE "A" GREASE  
1 1/2 LB. CAN  
NO. 49-08-0500  
1 LB. CAN  
NO. 49-08-0800

NO. 3540  
FOR DRILLS NO. 1754-1  
AND LARGER  
Height of Post  
5-1/2"  
Max. Feed  
10" x 10"  
Chuck to Base  
Max. 17-1/2"  
6-1/2"  
33 lbs.  
45 lbs.  
Wgt. Less Drill  
Ship. Weight

MORSE TAPER SOCKETS  
Drift Key Included  
#2 MT 5/8"-16 48-86-0050  
#3 MT 5/8"-16 49-66-0700

MORSE  
TAPER SOCKETS  
DRIIFT  
KEYS

## SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC/DC	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
1704-1 REV.	1/2	120	10	600	Dbl.	#6 J.T.*	48-66-1480	48-66-3120	16	14-3/4	21
1754-1 REV.	5/8	120	10	525	Trpl.	#3 J.T.*	48-66-1680	48-66-3120	16-1/2	16-3/4	22
1854	3/4	20	11	400	Trpl.	5/8"-16	48-66-2040	48-66-3160	16-1/2	16-3/4	22
1854-1 REV.*	3/4	120	10	400	Trpl.	#3 J.T.*	48-66-2080	48-66-3160	16-1/2	16-3/4	22
2404-1 REV.*†	1-1/4	120	10	250	Trpl.	#3 M.T.●	—	—	16-3/4	21-1/2	26

\* Available in 240 Volts. Add :3 after Catalog Number when ordering. See price sheet.  
† "REV." after Catalog No. indicates reversing type motor.  
● With No. 3 Internal Morse Taper Socket.  
‡ To adapt a 3/4" capacity chuck to 2404-1 Drill with No. 3 Internal Morse Taper Socket, order accessory Chuck Kit No. 49-22-1550. Kit consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100.  
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



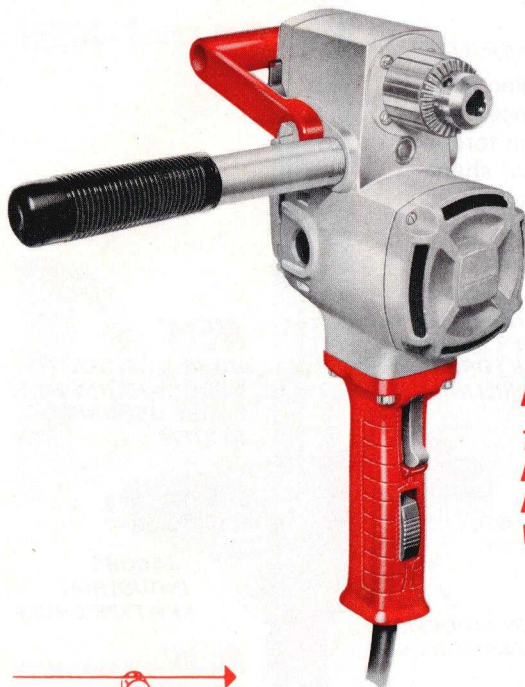


# HEAVY-DUTY HOLE-HAWG™

COMPACT DESIGN FOR DRILLING BETWEEN STUDS AND JOISTS

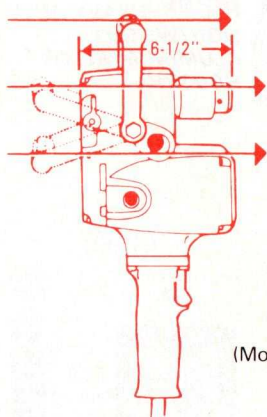
**1670-1 REV.**  
SINGLE SPEED — 900 RPM  
REVERSING MOTOR

**1675-1 REV.**  
TWO SPEED — 1200 AND 300 RPM  
REVERSING MOTOR



## POWER AND TORQUE...

TO HANDLE UP TO 4-5/8" SELFEE  
BITS. TRIPLE REDUCTION GEARING.  
BALL AND ROLLER BEARINGS.  
WEIGHS ONLY 10-1/2 LBS.



## FUNCTIONAL DESIGN

*Puts force in line  
with chuck*

2 POSITION PIPE HANDLE

3 POSITION SPADE HANDLE

2 SPEED GEAR SHIFT

(Models 1675-1 Rev. and 1676-1 Rev.)

EXTERNAL BRUSH CAPS

TYPE "E" GREASE  
1 LB. CAN  
NO. 49-08-4121

STEEL  
CARRYING CASE  
(When ordered separately)  
NO. 48-55-0110



**1676-1 REV.**  
(Same as 1675-1  
but with steel  
carrying case)

## SPECIFICATIONS

SPECIFICATIONS														
CATALOG NUMBER	SPEED	NO LOAD RPM	CAPACITY				VOLTS AC ONLY	AMPS	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	NET WGT. LBS.	SHP. WGT. LBS.
			WOOD			STEEL								
			WITH AUGER BIT	WITH SHIP AUGER BIT	WITH SELFEE BIT									
1670-1 REV.	Single	900	1-1/2"	1-1/2"	2-9/16"	7/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
1675-1 REV.	High	1200	1-1/8"	1-1/4"	1-3/8"	5/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
	Low	300	1-1/2"	1-1/2"	4-5/8"	1/2"								
1676-1 REV.	Same as 1675-1 but with steel carrying case													24

"REV." after Catalog Number indicates reversing motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY DRILL ACCESSORIES

**SELFEED BITS • FASTER CUTTING • IMPROVED BALANCE • REDUCED RUNOUT**



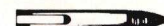
All sizes have removable and replaceable feed screws.

Two feed screws furnished with each bit — Regular and Coarse feed screws permit selecting the right feed for the material you're drilling. Coarse feed screw provides fast effortless feeding even in gummy woods. Inside cutting plane shaves hole radius for clean smooth holes without pressure.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-1001	1" dia.	3 Milled Flats	For 1/2" and larger drills	1/2"
48-25-1121	1-1/8" dia.	3 Milled Flats		3/4"
48-25-1251	1-1/4" dia.	3 Milled Flats		
48-25-1371	1-3/8" dia.	3 Milled Flats		
48-25-1501	1-1/2" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills	1"
48-25-1751	1-3/4" dia.	3 Milled Flats		1"
48-25-2001	2" dia.	3 Milled Flats		1-1/2"
48-25-2121	2-1/8" dia.	3 Milled Flats		
48-25-2251	2-1/4" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills except 1001, 1001-1 and 1007-1	
48-25-2561	2-9/16" dia.	3 Milled Flats		2"



**FEED SCREW  
COARSE THREAD  
NO. 48-28-6870**



**FEED SCREW  
REGULAR THREAD  
NO. 48-28-6875**

**SOCKET WRENCH  
NO. 49-96-0060**

**SET SCREW  
NO. 06-83-2625**

**FOR PREVIOUS MILWAUKEE SELFEED BITS Order this Double End Screw Pilot, Socket Wrench and Set Screw.**

48-28-6850 Dble. Feed Screw Pilot  
49-96-0060 Socket Wrench  
06-83-2620 Set Screw

## LARGE SELFEED BITS



Large SELFEED BITS in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean smooth holes without pressure. Two feed screws furnished with each bit.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED USE WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-3001	3" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-3621	3-5/8" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-4621	4-5/8" dia.	3 Milled Flats	1675-1, 1750-1 and larger	4"●
48-07-0201	Replaceable Arbor			
48-28-6880	Feed Screw			
49-96-0070	Socket Wrench			
06-83-3150	Set Screw			

● Cast Iron or Copper Pipe Size

**FOR PREVIOUS MILWAUKEE LARGE SELFEED BITS 3-5/8" and 4-5/8", Order this Double End Screw Pilot, Socket Wrench and Set Screw.**

48-28-6860 Dble. Feed Screw Pilot  
49-96-0070 Socket Wrench  
06-83-6000 Set Screw

## 7/16" HEX EXTENSION SHANKS

FOR SELFEED BITS, AUGER BITS AND HOLE SAWS (1" DIA. AND LARGER) WITH 7/16" HEX SHANK.



CATALOG NUMBER	LENGTH	REQUIRED COUPLING	REPLACEMENT SET SCREW CATALOG NO.	SOCKET WRENCH CATALOG NO.
48-28-3112	5-1/2"	48-28-0920	06-83-2630	49-96-0060
48-28-3115	12"	48-28-0920	06-83-2630	49-96-0060
48-28-3300	18"	48-28-0920	06-83-2630	49-96-0060
48-28-3400	18"	No Coupling	06-83-6000	49-96-0070
48-28-3500	24"	Required	06-83-6000	49-96-0070

## SELFEED BIT MERCHANDISERS

These convenient displays can hang on perforated board or rest on counter tops. A sample of each bit size can be displayed for customer inspection. Large header sign and back panel provide information regarding different bits and accessories available. Holds up to 45 MILWAUKEE Selffeed Bits. These merchandisers are supplied with bits in ten different sizes.

**NO. 49-22-0111**

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	2
48-25-1121	1-1/8"	2
48-25-1251	1-1/4"	2
48-25-1371	1-3/8"	2
48-25-1501	1-1/2"	2
48-25-1751	1-3/4"	2
48-25-2001	2"	1
48-25-2121	2-1/8"	2
48-25-2251	2-1/4"	2
48-25-2561	2-9/16"	2

**NO. 49-22-0110**

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	3
48-25-1121	1-1/8"	3
48-25-1251	1-1/4"	3
48-25-1371	1-3/8"	3
48-25-1501	1-1/2"	3
48-25-1751	1-3/4"	3
48-25-2001	2"	4
48-25-2121	2-1/8"	4
48-25-2251	2-1/4"	4
48-25-2561	2-9/16"	4



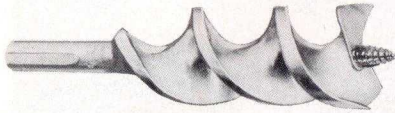




# HEAVY-DUTY DRILL ACCESSORIES

## PLUMBERS BIT KIT NO. 49-22-0065

### AUGER BITS



Sizes from 3/4" to 1-1/2"...All 4" twist and 6-1/2" long. 7/16" hex shanks for sure chuck grip. Precision made of special bit steel, heat treated and tempered for long life. Feed screw pilot draws bit into wood. Cutting spurs and lips stay sharp longer.

CATALOG NUMBER	DESCRIPTION	FOR STD. PIPE SIZES
48-13-0750	3/4" x 4" Twist	
48-13-0870	7/8" x 4" Twist	3/8"
48-13-1000	1" x 4" Twist	
48-13-1120	1-1/8" x 4" Twist	1/2"
48-13-1250	1-1/4" x 4" Twist	3/4"
48-13-1370	1-3/8" x 4" Twist	
48-13-1500	1-1/2" x 4" Twist	1"



Complete assortment of most commonly used MILWAUKEE bits for BIG HOLE drilling. Sizes include 7/8", 1-1/8", 1-1/4", 1-1/2". Auger Bits and famous MILWAUKEE "Selfeed" Bits in 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" hex extension shank and coupling, one coarse and one fine feed screw pilot, socket wrench, carrying case.



**CARRYING CASE FOR CONTRACTORS' AND PLUMBERS' BIT KITS IS HI-IMPACT POLYETHYLENE DOUBLE WALL CONSTRUCTION FOR FULL BIT PROTECTION (No Metal to Metal Contact!)**

CASE ONLY:  
CONTRACTORS' KIT  
NO. 48-55-0775  
PLUMBERS' KIT  
NO. 48-55-0790

## CONTRACTORS BIT KIT NO. 49-22-0130

**NEW**



Complete assortment most commonly used famous MILWAUKEE Selfeed Bits for BIG HOLE drilling. Sizes include 1", 1-1/8", 1-1/4", 1-1/2", 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" hex extension shank and coupling, two extra feed screw pilots for each bit (one coarse and one regular), three socket wrenches and carrying case.

## POWER SHIP AUGER BITS



3/8" SHANK 15" TWIST 18" OVERALL LENGTH

Cut overall cost per hole by using these accurately machined 3/8" shank ship auger bits. A tough fast-cutting shiphead plus precision hardened cutting edges require less frequent resharping. 3/8" D-Handle drill and larger can use all bits, also fits hand braces.



1/2" SHANK 4" TWIST 6" OVERALL LENGTH

Precision machined for smooth wobble free boring. 1/2" D-Handle drills and larger can use all bits.



1/2" SHANK 15" TWIST 18" OVERALL LENGTH

For all types of construction. Accurately machined for tough deep hole boring in wood. 1/2" D-Handle drills and larger can use all Bits. Feed screw point, one cutting edge and side lip produce fast cutting.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
9/16"	48-13-0561	13/16"	48-13-0811
5/8"	48-13-0621	7/8"	48-13-0871
11/16"	48-13-0681	15/16"	48-13-0931
3/4"	48-13-0751	1"	48-13-1001
11/16"	48-13-0683	1-1/16"	48-13-1063
3/4"	48-13-0753	1-1/8"	48-13-1123
13/16"	48-13-0813	1-1/4"	48-13-1253
7/8"	48-13-0873	1-3/8"	48-13-1373
15/16"	48-13-0933	1-1/2"	48-13-1503
1"	48-13-1003		
9/16"	48-13-5560	1"	48-13-6000
5/8"	48-13-5620	1-1/16"	48-13-6010
11/16"	48-13-5680	1-1/8"	48-13-6120
3/4"	48-13-5750	1-1/4"	48-13-6250
13/16"	48-13-5810	1-3/8"	48-13-6370
7/8"	48-13-5870	1-1/2"	48-13-6500
15/16"	48-13-5930		

## FLAT BORING BITS

- 1/4" to 1-1/2" DIAMETERS
- 3 MILLED FLATS FOR SECURE CHUCK GRIP

DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
1/4"	48-27-0251	3/16"	6-1/8"
5/16"	48-27-0311	3/16"	6-1/8"
3/8"	48-27-0371	1/4"	6-1/8"
7/16"	48-27-0441	1/4"	6-1/8"
1/2"	48-27-0501	1/4"	6-1/8"
9/16"	48-27-0561	1/4"	6-1/8"
5/8"	48-27-0621	1/4"	6-1/8"
11/16"	48-27-0681	1/4"	6-1/8"
3/4"	48-27-0751	1/4"	6-1/8"
13/16"	48-27-0811	1/4"	6-1/8"
7/8"	48-27-0871	1/4"	6-1/8"
15/16"	48-27-0941	1/4"	6-1/8"
1"	48-27-1001	1/4"	6-1/8"
1-1/8"	48-27-1121	1/4"	6-3/4"
1-1/4"	48-27-1251	1/4"	6-3/4"
1-3/8"	48-27-1371	1/4"	6-3/4"
1-1/2"	48-27-1501	1/4"	6-3/4"



## FLAT BORING BIT KIT NO. 49-22-0071

Contains 6 popular size flat boring bits in heavy protective plastic. Assortment includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes in pockets for orderly storage, easy size selection.

## FLAT BORING BIT MERCHANDISER NO. 49-22-0081 Supplied with bits as listed.

CATALOG NUMBER	NUMBER OF PACKAGES
48-27-0251	3
48-27-0311	3
48-27-0371	3
48-27-0441	3
48-27-0501	3
48-27-0561	3
48-27-0621	3
48-27-0681	3
48-27-0751	3
48-27-0811	3
48-27-0871	3
48-27-0941	3
48-27-1001	3
48-27-1121	3
48-27-1251	3
48-27-1371	3
48-27-1501	3
49-22-0071	3

## 12" FLAT BORING BIT EXTENSION NO. 48-28-3350





# HEAVY-DUTY BI-METAL\* HOLE SAWS

## 3 TYPES: ALL SHATTER RESISTANT

MILWAUKEE Holes Saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. Shatter-resistant construction makes them safe to use and provides an extra margin of durability.

### CARBIDE-TIPPED DEEP CUTTING

MILWAUKEE deep cutting, carbide-tipped Hole Saws are the fastest cutting carbide-tipped saws on the market. Longer life and faster cutting mean greater savings. **Not recommended for metal.**

- CUTS CERAMIC TILE
- FLAKEBOARD
- FIBERBOARD
- ASBESTOS BOARD
- FIBERGLASS
- WOOD



HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
3/4"	49-56-0753	49-56-6950	1/2"	5/8"
7/8"	49-56-0873	49-56-6960	3/4"	1"
1"	49-56-1003	49-56-7000	3/4"	1 1/4"
1-1/8"	49-56-1123	49-56-7000	3/4"	1 1/2"
1-1/4"	49-56-1253	49-56-6970	1"	1 1/4"
1-3/8"	49-56-1373	49-56-6970	1"	1 1/2"
1-1/2"	49-56-1503	49-56-7055	1 1/4"	1 1/2"
1-3/4"	49-56-1753	49-56-7130	1 1/4"	1 1/2"
2"	49-56-2003	49-56-7140	1 1/2"	2"
2-1/4"	49-56-2253	49-56-7140	2"	2"
2-1/2"	49-56-2503	49-56-7140	2"	2 1/2"
3"	49-56-3003	49-56-7140	2 1/2"	2 1/2"
3-1/2"	49-56-3503		3"	3"
4-1/4"	49-56-4253		4"	4"

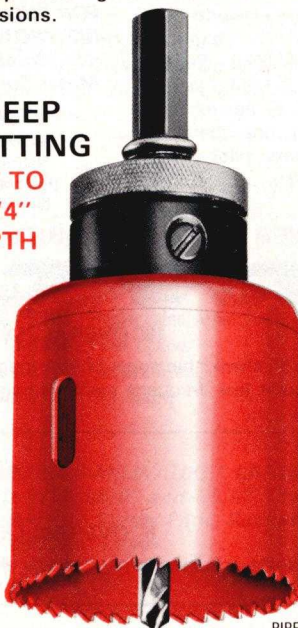
SEE PAGE 21 FOR ARBORS, ORDER ARBORS SEPARATELY

### DEEP CUTTING AND STANDARD

#### BI-METAL CONSTRUCTION\*

MILWAUKEE high speed steel Hole Saws are high production tools designed for cutting all machineable materials, including steel, aluminum, copper, brass, sheet metal, stainless steel, wood or plastics. Available in deep cutting and standard depth versions.

### DEEP CUTTING CUT TO 1-3/4" DEPTH



HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
7/8"	49-56-0871	49-56-6950	1/2"	5/8"
1"	49-56-1001	49-56-6960	3/4"	1"
1-1/8"	49-56-1121	49-56-7000	3/4"	1 1/4"
1-1/4"	49-56-1251	49-56-6970	1"	1 1/2"
1-3/8"	49-56-1371	49-56-6970	1"	1 1/2"
1-1/2"	49-56-1501	49-56-7055	1 1/4"	1 1/2"
1-3/4"	49-56-1751	49-56-7130	1 1/4"	1 1/2"
2"	49-56-2001	49-56-7140	1 1/2"	2"
2-1/4"	49-56-2251	49-56-7140	2"	2"
2-1/2"	49-56-2501	49-56-7140	2"	2 1/2"
3"	49-56-3001	49-56-7140	2 1/2"	2 1/2"
3-3/8"	49-56-3371		3"	3"
4-1/4"	49-56-4251		4"	4"

SEE PAGE 21 FOR ARBORS, ORDER ARBORS SEPARATELY

#### \* BI-METAL CONSTRUCTION

High speed steel teeth welded to a steel body will cut faster, last many times longer than ordinary steel hole saws.



### STANDARD CUT TO 1-1/4" DEPTH

#### BI-METAL CONSTRUCTION\*

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0560			1/8"
5/8"	49-56-0620			1/4"
11/16"	49-56-0680			3/8"
3/4"	49-56-0750		3/8"	1/2"
13/16"	49-56-0810	49-56-6950	3/4"	1/2"
7/8"	49-56-0870	49-56-6960	3/4"	5/8"
15/16"	49-56-0930	49-56-7000		3/4"
1"	49-56-1000			3/4"
1-1/16"	49-56-1060			3/4"
1-1/8"	49-56-1120		1"	3/4"
1-3/16"	49-56-1180		1"	3/4"
1-1/4"	49-56-1250			1"
1-5/16"	49-56-1310			1"
1-3/8"	49-56-1370			1"
1-7/16"	49-56-1430			1 1/4"
1-1/2"	49-56-1500		1-1/4"	1-1/4"
1-9/16"	49-56-1560	49-56-6970		1-1/4"
1-5/8"	49-56-1620			1-1/2"
1-11/16"	49-56-1680		1-1/2"	1-1/2"
1-3/4"	49-56-1750		1-1/2"	1-1/2"
1-13/16"	49-56-1810			1-1/2"
1-7/8"	49-56-1870			1-1/2"
2"	49-56-2000			1-1/2"
2-1/16"	49-56-2060			2"
2-1/8"	49-56-2120			2"
2-1/4"	49-56-2250		2"	2"
2-5/16"	49-56-2310			2"
2-3/8"	49-56-2370			2"
2-1/2"	49-56-2500			2"
2-9/16"	49-56-2560	49-56-7055		2-1/2"
2-5/8"	49-56-2620	49-56-7130		2-1/2"
2-3/4"	49-56-2750	49-56-7140		2-1/2"
2-7/8"	49-56-2870			2-1/2"
3"	49-56-3000			2-1/2"
3-1/8"	49-56-3120			2-1/2"
3-1/4"	49-56-3250		3"	3"
3-3/8"	49-56-3370			3"
3-1/2"	49-56-3500			3"
3-5/8"	49-56-3620			3-1/2"
3-3/4"	49-56-3750			3-1/2"
3-7/8"	49-56-3870			3-1/2"
4"	49-56-4000			3-1/2"
4-1/8"	49-56-4120			3-1/2"
4-1/4"	49-56-4250		4"	4"
4-3/8"	49-56-4370			4"
4-1/2"	49-56-4500			4"
4-3/4"	49-56-4750			4"
5"	49-56-5000			5"
5-1/2"	49-56-5500			5"
6"	49-56-6000			5"





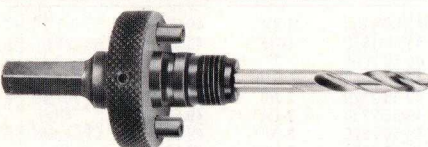
SEE PAGE 21 FOR ARBORS, ORDER ARBORS SEPARATELY





# HEAVY-DUTY HOLE SAW ARBORS

**ARBORS AND HOLE SAWS ARE INTERCHANGEABLE WITH MOST OTHER BRANDS**  
**HOLE SAW ARBORS**

		CATALOG NUMBER	THREAD SIZE	PILOT DRILL SIZE	RECOMMENDED FOR HOLE SAW SIZES
	<b>1/4" ROUND SHANK</b> Drill chucks onto pilot drill. For small hole saws in light weight materials and wood.	49-56-6950	1/2"-20	1/4"	9/16" thru 1-3/16"
	<b>1/4" SHANK WITH 3 FLATS</b> Three milled flats prevent slipping in chuck. For small hole saws in medium weight materials and wood.	49-56-6960	1/2"-20	1/4"	9/16" thru 1-3/16"
	<b>7/16" HEX SHANK</b> Hex shank prevents slipping in chuck. For use with small hole saws in 1/2" and larger drills in medium to heavy weight materials.	49-56-7000	1/2"-20	1/4"	9/16" thru 1-3/16"
	<b>1/4" SHANK WITH 3 FLATS</b> Three milled flats prevent slipping in chuck. For use with 1-1/4" in 2" hole saws in medium to heavy weight materials.	49-56-6970	5/8"-18	1/4"	1-1/4" thru 2"
	<b>QUICK CHANGE 7/16" HEX SHANK</b> Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	49-56-7055	5/8"-18	1/4"	1-1/4" and larger
	<b>ECONOMICAL QUICK CHANGE 7/16" HEX SHANK</b> Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	49-56-7140	5/8"-18	1/4"	1-1/4" and larger
	<b>ECONOMICAL QUICK CHANGE 5/8" HEX SHANK</b> Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	49-56-7130	5/8"-18	1/4"	1-1/4" and larger

**NEW**

**NEW**

## PILOT DRILLS 1/4" HIGH SPEED PILOT DRILLS



- (A) NO. 49-56-8000 For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140. For general cutting of wood and metal.  
(B) NO. 49-56-8002 With 1/4" fluting for light gauge metals. For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.  
(C) NO. 49-56-8003 For use with Hole Saw arbors 49-56-6960 and 49-56-6970. For general cutting of wood and metal.

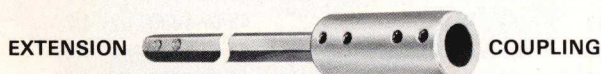
## 1/4" CARBIDE-TIPPED PILOT DRILL

NO. 49-56-8005 For use with carbide-tip Hole Saws when drilling ceramic tile. Use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.

## 7/16" HEX EXTENSION SHANKS

For Hole Saws, Selffeed Bits and Auger Bits (1" dia. and larger) with 7/16" hex shank.

### TWO PIECE EXTENSION SHANK



CATALOG NUMBER	LENGTH	REQUIRED COUPLING	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-3112	5-1/2"	48-28-0920	06-83-2630	49-96-0060
48-28-3115	12"	48-28-0920	06-83-2630	49-96-0060
48-28-3300	18"	48-28-0920	06-83-2630	49-96-0060

### ONE PIECE EXTENSION SHANK



CATALOG NUMBER	LENGTH	REQUIRED COUPLING	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-3400	18"	No Coupling	06-83-6000	49-96-0070
48-28-3500	24"	Required	06-83-6000	49-96-0070

**SEE PAGE 22 FOR HOLE SAW KITS**





# HEAVY-DUTY HOLE SAW KITS



DEEP CUTTING  
HOLE SAW KIT

## DEEP CUTTING HOLE SAW KIT

NO. 49-22-4060

Consists of 1", 1-1/4", 1-1/2", 1-3/4", 2-1/4", 3", 3-3/8" sizes, Arbor Nos. 49-56-(7000 and 7055) and steel case.

## STANDARD HOLE SAW KIT

NO. 49-22-4050

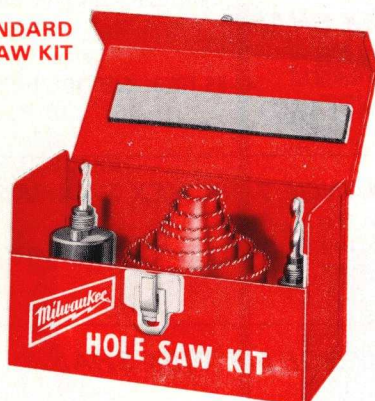
Consists of 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/2" sizes. Arbor Nos. 49-56-(7000 and 7055) and steel case.

## STEEL CASE ONLY

NO. 48-55-0760

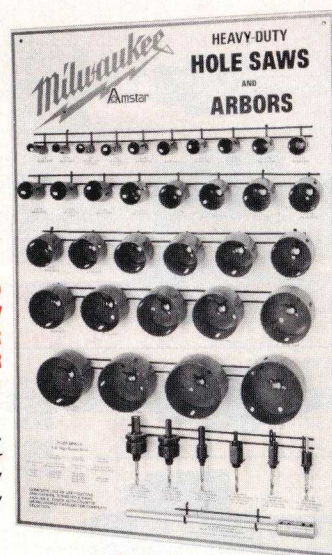
Used with either of above kits.

STANDARD  
HOLE SAW KIT



## STANDARD HOLE SAW AND ARBOR MERCHANDISER

NO. 49-22-4120



Conveniently mounts on wall or pegboard. Complete with one each of 33 most popular Standard Depth Hole Saws, 6 Arbors and 12" Extension and Coupling. Unit measures 24" wide x 36" high.

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
49-56-0620	5/8"	49-56-1750	1-3/4"	49-56-3500	3-1/2"
49-56-0680	11/16"	49-56-1870	1-7/8"	49-56-3620	3-5/8"
49-56-0750	3/4"	49-56-2000	2"	49-56-3750	3-3/4"
49-56-0870	7/8"	49-56-2060	2-1/16"	49-56-4000	4"
49-56-0930	15/16"	49-56-2120	2-1/8"	49-56-4250	4-1/4"
49-56-1000	1"	49-56-2250	2-1/4"	49-56-6950	Arbor
49-56-1060	1-1/16"	49-56-2370	2-3/8"	49-56-6960	Arbor
49-56-1120	1-1/8"	49-56-2500	2-1/2"	49-56-6970	Arbor
49-56-1180	1-3/16"	49-56-2620	2-5/8"	49-56-7000	Arbor
49-56-1250	1-1/4"	49-56-2750	2-3/4"	49-56-7055	Arbor
49-56-1310	1-5/16"	49-56-2870	2-7/8"	49-56-7130	Arbor
49-56-1370	1-3/8"	49-56-3000	3"	48-28-3115	(12" Extension)
49-56-1500	1-1/2"	49-56-3120	3-1/8"	48-28-0920	(Coupling)
49-56-1620	1-5/8"	49-56-3250	3-1/4"		

# CARBIDE-TIP MASONRY BITS



ONE PIECE DESIGN  
(1/8" THRU 7/8")



TWO PIECE DESIGN  
(1" THRU 1-1/2")

Shank is 1/2" hex dia. with  
1/2"-13 thread . . . nut serves  
as bit shoulder



EXTRA LENGTH BIT  
● (1/4" NO. 48-87-0251  
and 1/2" NO. 48-87-0502)

Narrow lands and fast spiral  
for rapid dust removal

## SPECIAL FEATURES

- Alloy steel shank for strength and durability
- Shallow precision machined oval flutes prevent dust packing
- Carbide-tip...the hardest metal made...brazed to alloy steel bodies

Drills masonry, brick, stone, plaster, slate. Wide, spiral flutes lift dust out of hole. Bit cuts at maximum efficiency without clogging. Produces clean, accurately sized holes fast. Carbide tip resists dulling. Bits may be resharpened on bench grinder using silicon carbide grinding wheel.

DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/8"	48-87-0120	1/8"	3"	1/2"	48-87-0500	3/8"	6"
5/32"	48-87-0150	5/32"	3"	1/2"	48-87-0502●	3/8"	18"
11/64"	48-87-0170	11/64"	3"	9/16"	48-87-0560	3/8"	6"
3/16"	48-87-0180	3/16"	3"	5/8"	48-87-0620	1/2"	6"
7/32"	48-87-0210	1/4"	3"	11/16"	48-87-0680	1/2"	6"
1/4"	48-87-0250	1/4"	4"	3/4"	48-87-0750	1/2"	6"
1/4"	48-87-0251●	1/4"	12"	7/8"	48-87-0870	1/2"	6"
1/4"	48-87-0253	1/4"	6"	1"	48-87-1000	1/2"	12"
9/32"	48-87-0280	1/4"	4"	1-1/8"	48-87-1120	1/2"	12"
5/16"	48-87-0310	1/4"	4"	1-1/4"	48-87-1250	1/2"	12"
3/8"	48-87-0370	1/4"	4"	1-1/2"	48-87-1500	1/2"	12"
7/16"	48-87-0430	1/4"	6"				

● Extra length bit





# HIGH SPEED STEEL TWIST DRILLS

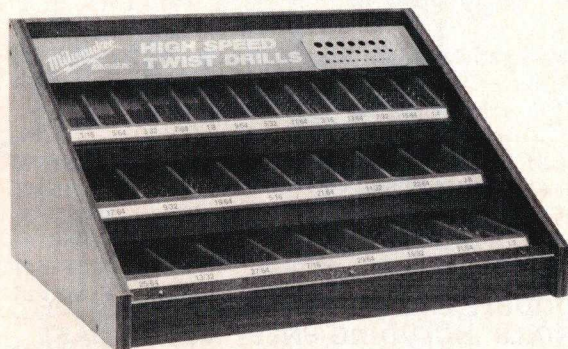


## JOBBERS LENGTH TWIST DRILLS

• PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT • HIGH SPEED STEEL THROUGHOUT • 118° POINT FOR EASIER STARTING • CAPABLE OF DRILLING WIDE RANGE OF MATERIALS INCLUDING CAST MALLEABLE IRON, STEEL, AND STEEL FORGINGS • THE ULTIMATE IN GENERAL PURPOSE JOBBERS DRILLS

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0062	1/16"	12
48-89-0078	5/64"	12
48-89-0093	3/32"	12
48-89-0109	7/64"	12
48-89-0125	1/8"	12
48-89-0140	9/64"	12
48-89-0156	5/32"	12
48-89-0171	11/64"	12
48-89-0187	3/16"	12
48-89-0203	13/64"	12
48-89-0218	7/32"	12
48-89-0234	15/64"	12
48-89-0250	1/4"	12
48-89-0265	17/64"	12
48-89-0281	9/32"	12
48-89-0296	19/64"	12
48-89-0312	5/16"	6
48-89-0328	21/64"	6
48-89-0343	11/32"	6
48-89-0359	23/64"	6
48-89-0375	3/8"	6
48-89-0390	25/64"	6
48-89-0406	13/32"	6
48-89-0421	27/64"	6
48-89-0437	7/16"	6
48-89-0453	29/64"	6
48-89-0468	15/32"	6
48-89-0484	31/64"	6
48-89-0500	1/2"	6

**NOTE:** LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.



## JOBBERS LENGTH TWIST DRILL MERCHANDISER NO. 49-22-0105

Attractive walnut grained exterior with plexiglas front panel and red and white identification markings. 29 conveniently marked pockets with bit size for customer selection. Complete with 58 packages of MILWAUKEE twist drill bits (2 packages of each size) as listed in chart above. Convenient drill gauge.

## JOBBERS LENGTH and SILVER AND DEMING TWIST DRILL SETS

Available in steel "organizer" cases with folding, holding trays which have permanently marked drill sizes.



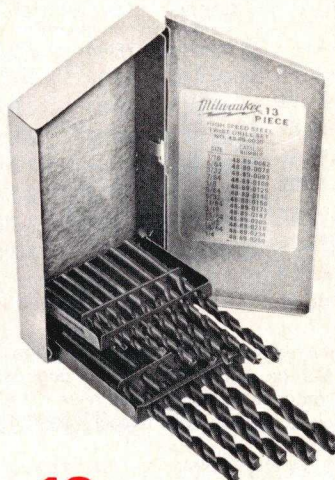
**NEW**  
**8**

### PIECE SET

#### SILVER AND DEMING

NO. 48-89-0035 has one folding, holding tray. Sizes 9/16" to 1" by 16ths. 1/2" straight shank with 3 milled flats recommended for use only in drill press application.

Case only, NO. 48-55-0789

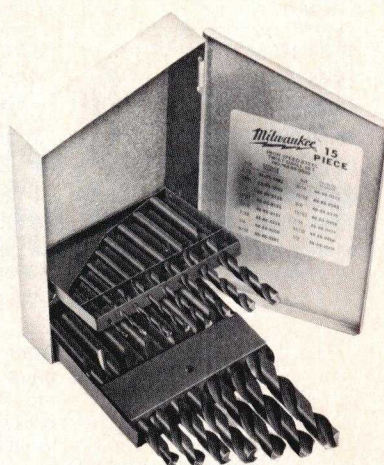


**13**

### PIECE SET

NO. 48-89-0030 has two folding, holding trays. Sizes 1/16" to 1/4" by 64ths.

Case only, NO. 48-55-0787

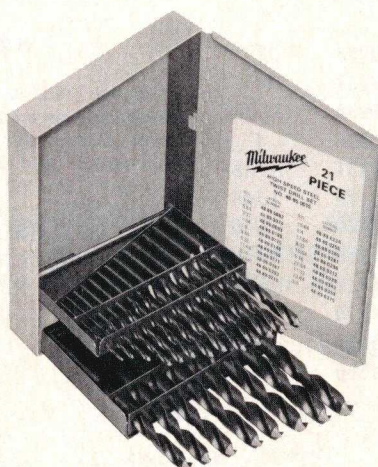


**15**

### PIECE SET

NO. 48-89-0020 has two folding, holding trays. Sizes 1/16" to 1/2" by 32nds.

Case only, NO. 48-55-0786

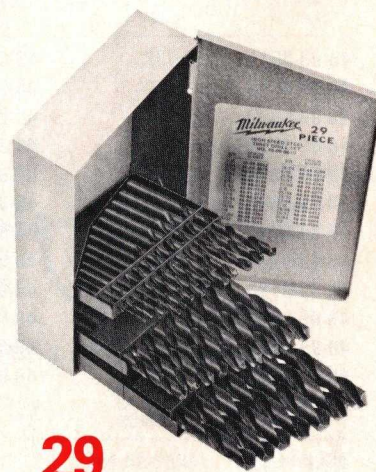


**NEW**  
**21**

### PIECE SET

NO. 48-89-0015 has two folding, holding trays. Sizes 1/16" to 3/8" by 64ths.

Case only, NO. 48-55-0788



**29**

### PIECE SET

NO. 48-89-0010 has three folding, holding trays. Sizes 1/16" to 1/2" by 64ths.

Case only, NO. 48-55-0785





# HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

## 1/4" SHANK TWIST DRILLS

- 1/4" STRAIGHT SHANK • HIGH SPEED STEEL • DRILLS A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH	CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0266	17/64"	2"	3-5/8"	48-89-0391	25/64"	2-1/2"	4-1/2"
48-89-0282	9/32"	2"	3-5/8"	48-89-0407	13/32"	2-1/2"	4-1/2"
48-89-0297	19/64"	2-1/8"	3-7/8"	48-89-0422	27/64"	2-5/8"	4-5/8"
48-89-0313	5/16"	2-1/8"	3-7/8"	48-89-0438	7/16"	2-5/8"	4-5/8"
48-89-0329	21/64"	2-1/4"	4-1/8"	48-89-0454	29/64"	2-3/4"	4-3/4"
48-89-0344	11/32"	2-1/4"	4-1/8"	48-89-0469	15/32"	2-3/4"	4-3/4"
48-89-0360	23/64"	2-3/8"	4-1/4"	48-89-0485	31/64"	2-7/8"	4-7/8"
48-89-0376	3/8"	2-3/8"	4-1/4"	48-89-0501	1/2"	2-7/8"	4-7/8"

## 1/4" SHANK TWIST DRILL MERCHANDISER NO. 49-22-0090

Attractive red, white and black header sign on a sturdy black metal frame. Can be mounted on wall or pegboard or used on counter top. 16 product hooks will hold over 100 MILWAUKEE twist drill packages. Complete with 64 packages (4 each) of the drill bits listed above.



## 1/2" SHANK TWIST DRILLS

SILVER AND DEMING

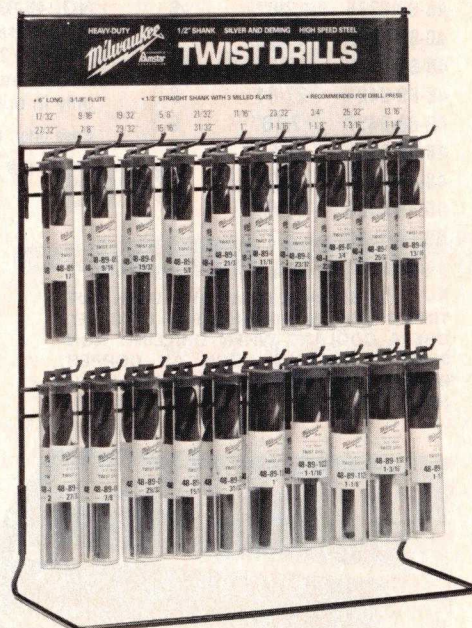
- 1/2" STRAIGHT SHANK WITH 3 MILLED FLATS • HIGH SPEED STEEL • ALL DRILLS ARE 6" LONG WITH 3-1/8" FLUTE. RECOMMENDED FOR USE WITH DRILL PRESS ONLY.

PACKED 1 BIT PER TUBE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-0531	17/32"	48-89-0906	29/32"
48-89-0562	9/16"	48-89-0937	15/16"
48-89-0593	19/32"	48-89-0968	31/32"
48-89-0625	5/8"	48-89-1000	1"
48-89-0656	21/32"	48-89-1031	1-1/16"
48-89-0687	11/16"	48-89-1125	1-1/8"
48-89-0718	23/32"	48-89-1187	1-3/16"
48-89-0750	3/4"	48-89-1250	1-1/4"
48-89-0781	25/32"	48-89-1312	1-5/16"
48-89-0812	13/16"	48-89-1375	1-3/8"
48-89-0843	27/32"	48-89-1437	1-7/16"
48-89-0875	7/8"	48-89-1500	1-1/2"

## 1/2" SHANK TWIST DRILL MERCHANDISER NO. 49-22-0095

Attractive red, white and black header sign on a sturdy black metal frame. Can be mounted on wall or pegboard or used on countertop. 20 product hooks will hold 2 MILWAUKEE twist drill packages each. Complete with 40 packages (2 each) of drill bits sizes 17/32" thru 1-1/4" as listed at left.



## DOUBLE END TWIST DRILL

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-8109	7/64"	48-89-8218	7/32"
48-89-8125	1/8"	48-89-8250	1/4"
48-89-8140	9/64"	48-89-8011	(No. 11)
48-89-8156	5/32"	48-89-8020	(No. 20)
48-89-8187	3/16"	48-89-8030	(No. 30)

- ECONOMICAL DOUBLE END BIT FOR DRILLING A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD

- 135° SPLIT POINT

- LENGTHS APPROXIMATELY 2" TO 2-3/8"

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.





# HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH ACTS AS LUBRICANT

## STUB LENGTH TWIST DRILLS



- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
- IDEAL FOR USE BY HEATING AND AIR CONDITIONING, AUTO BODY SHOPS AND SHEET METAL WORKERS

PACKED 12 AND 6 PER PACKAGE. SEE CHARTS BELOW

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)	CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0064	1/16"	12	1-5/8	48-89-0220	7/32"	12	2-3/8	48-89-0377	3/8"	6	3-1/8
48-89-0080	5/64"	12	1-11/16	48-89-0236	15/64"	12	2-7/16	48-89-0392	25/64"	6	3-1/4
48-89-0095	3/32"	12	1-3/4	48-89-0252	1/4"	12	2-1/2	48-89-0408	13/32"	6	3-5/16
48-89-0111	7/64"	12	1-13/16	48-89-0267	17/64"	12	2-5/8	48-89-0423	27/64"	6	3-3/8
48-89-0127	1/8"	12	1-7/8	48-89-0283	9/32"	12	2-11/16	48-89-0439	7/16"	6	3-7/16
48-89-0142	9/64"	12	1-15/16	48-89-0298	19/64"	12	2-3/4	48-89-0455	29/64"	6	3-9/16
48-89-0158	5/32"	12	2-1/16	48-89-0314	5/16"	6	2-13/16	48-89-0470	15/32"	6	3-5/8
48-89-0173	11/64"	12	2-1/8	48-89-0330	21/64"	6	2-15/16	48-89-0486	31/64"	6	3-11/16
48-89-0189	3/16"	12	2-3/16	48-89-0345	11/32"	6	3	48-89-0502	1/2"	6	3-3/4
48-89-0205	13/64"	12	2-1/4	48-89-0361	23/64"	6	3-1/16				

## STUB LENGTH WIRE SIZE TWIST DRILLS



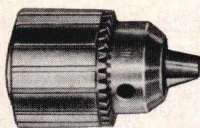
- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
- IDEAL FOR MACHINE SHOP USE

PACKED 12 PER PACKAGE

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.	CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.	CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9001	1	1-5/16"	2-7/16"	12	48-89-9011	11	1-3/16"	2-1/4"	12	48-89-9028	28	15/16"	1-15/16"	12
48-89-9002	2	1-5/16"	2-7/16"	12	48-89-9014	14	1-1/8"	2-3/16"	12	48-89-9030	30	15/16"	1-15/16"	12
48-89-9007	7	1-3/16"	2-1/4"	12	48-89-9020	20	1-1/16"	2-1/8"	12	48-89-9040	40	13/16"	1-13/16"	12
48-89-9008	8	1-3/16"	2-1/4"	12	48-89-9021	21	1-1/16"	2-1/8"	12					
48-89-9010	10	1-3/16"	2-1/4"	12	48-89-9022	22	1-1/16"	2-1/8"	12					

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

INDUSTRIAL  
CHUCKS



CHUCK  
KEYS



RUBBER FLEX  
KEY HOLDERS



### CHUCKS FOR NON-REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0260	1/4"	3/8"-24	48-66-3200	48-66-4080
48-66-0300	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0500	5/16"	3/8"-24	48-66-3240	48-66-4040
48-66-0540	5/16"	1/2"-20	48-66-3240	48-66-4040
48-66-0800	3/8"	3/8"-24	48-66-3080	48-66-4040
48-66-0810	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-0840	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-1280	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1440	1/2"	5/8"-16	48-66-3120	48-66-4020
48-66-1640	5/8"	5/8"-16	48-66-3120	48-66-4020
48-66-2040	3/4"	5/8"-16	48-66-3160	48-66-4020
48-66-2050	3/4"	3/4"-16	48-66-3160	48-66-4020

### CHUCKS FOR REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0104	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0224	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-0230	1/4"	#1 Taper	48-66-3200	48-66-4080
48-66-0240	3/8"	#2 Taper	48-66-3080	48-66-4040
48-66-0795	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-1360	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1380	1/2"	5/8"-16	48-66-3280	48-66-4040
48-66-1480	1/2"	#6 Taper	48-66-3120	48-66-4020
48-66-1680	5/8"	#3 Taper	48-66-3120	48-66-4020
48-66-2000	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2080	3/4"	#3 Taper	48-66-3160	48-66-4020

- Chuck Removal Wedges required (Set of 2)  
For 1/4" Drill—#1 Jacobs Taper No. 49-91-0010  
For 3/8" Drill—#2 Jacobs Taper No. 49-91-0020

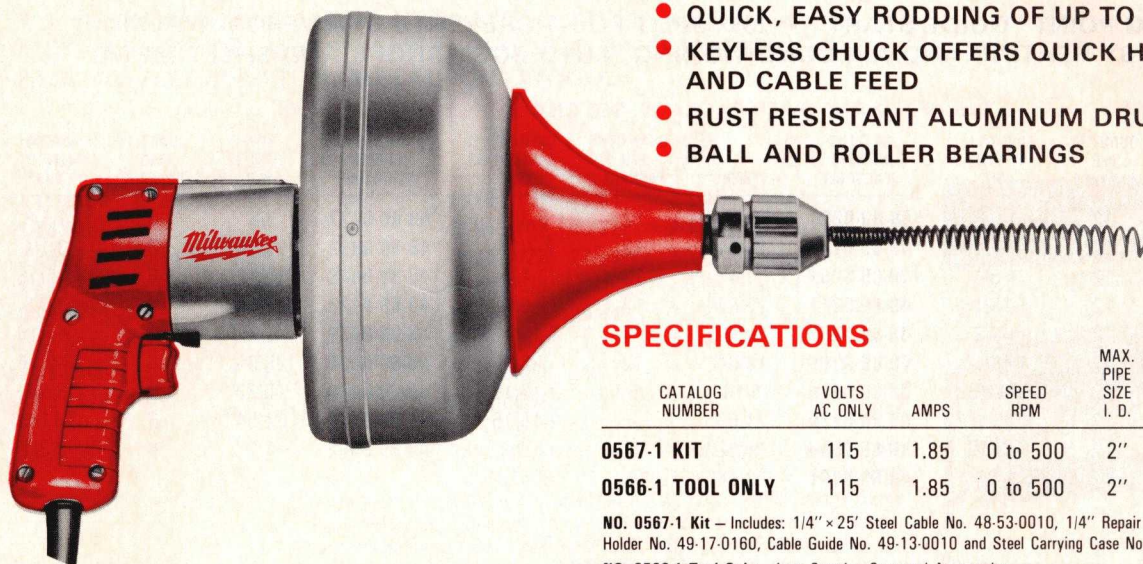




# HEAVY-DUTY DRAIN CLEANER

**HOLDS UP TO 35' OF 3/8" CABLE OR 50' OF 5/16" INNER CORE CABLE**

- **TRIGGER SPEED CONTROL — REVERSING MOTOR PROTECTS CABLE FROM DAMAGE AND PERMITS SAFE OPERATION FROM 0 TO 500 RPM**



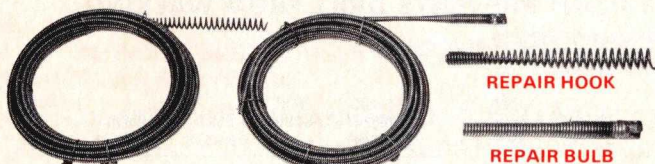
- **QUICK, EASY RODDING OF UP TO 2" WASTELINES**
- **KEYLESS CHUCK OFFERS QUICK HAND TIGHTENING AND CABLE FEED**
- **RUST RESISTANT ALUMINUM DRUM**
- **BALL AND ROLLER BEARINGS**

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED RPM	MAX. PIPE SIZE I. D.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
<b>0567-1 KIT</b>	115	1.85	0 to 500	2"	17	7-1/4	34
<b>0566-1 TOOL ONLY</b>	115	1.85	0 to 500	2"	17	7-1/4	10

**NO. 0567-1 Kit** — Includes: 1/4" x 25' Steel Cable No. 48-53-0010, 1/4" Repair Hook No. 49-20-0020, Cable Guide Holder No. 49-17-0160, Cable Guide No. 49-13-0010 and Steel Carrying Case No. 48-55-6055.

**NO. 0566-1 Tool Only** — Less Carrying Case and Accessories.



**STEEL CABLE**

**INNER-CORE DROP HEAD CABLE**

**REPAIR HOOK**

**REPAIR BULB**

**STEEL CABLE** is right-hand wound cable which expands when torque is applied. Designed for feeding through crossbars, down through and around the goose neck, or traps. It eliminates removal of the trap or clean out plug.

### STEEL CABLES

- NO. 48-53-0015 5/16" x 25'** Includes repair hook.  
**NO. 48-53-0035 5/16" x 30'** Includes repair hook.  
**NO. 48-53-0010 1/4" x 25'** Includes repair hook.  
**NO. 48-53-0030 1/4" x 30'** Includes repair hook.

**INNER-CORE DROP HEAD CABLE** is left-hand wound cable which tightens against center core when torque is applied, making a solid shaft. Once through stoppage, tension on the cable is released, and it becomes flexible again.

### INNER-CORE DROP HEAD CABLES

- NO. 48-53-0020 5/16" x 25'** Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.  
**NO. 48-53-0025 5/16" x 30'** Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.  
**NO. 48-53-0040 5/16" x 50'** Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.  
**NO. 48-53-0050 3/8" x 35'** Includes drop head, 1" and 1-1/4" cutter, socket head screws and wrenches for changing heads, extraction hook.

### DROP HEAD PARTS KIT NO. 49-22-2500

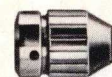
For 5/16" Inner-Core Cable — includes drop head set screw for drop head, socket wrench for drop head, 3/4" cutter, 1" cutter, set screws and socket wrench for cutters.

### DROP HEAD PARTS KIT NO. 49-22-2510

For 3/8" Inner Core Cable — includes drop head, set screw for drop head, socket wrench for drop head, 1" and 1-1/4" cutter, set screws and wrench for cutters, extraction hook.



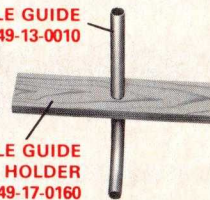
**STEEL CARRYING CASE ONLY**  
NO. 48-55-6055



**CHUCK WITH COLLET**  
NO. 48-66-0270

**CABLE GUIDE**  
NO. 49-13-0010

**CABLE GUIDE HOLDER**  
NO. 49-17-0160



**DROP HEAD ASSEMBLY**



**CUTTER**

- REPAIR HOOK NO. 49-20-0020** for 1/4" steel cable.  
**REPAIR HOOK NO. 49-20-0040** for 5/16" steel cable.  
**REPAIR BULB NO. 48-50-0010** for 5/16" inner-core drop head cable.  
**REPAIR BULB NO. 48-50-0020** for 3/8" inner-core drop head cable.  
**DROP HEAD ASSEMBLY NO. 49-16-0010** for 5/16" inner-core drop head cable.  
**DROP HEAD ASSEMBLY NO. 49-16-0020** for 3/8" inner-core drop head cable.  
**CUTTER 3/4" NO. 48-38-0050** for 5/16" inner-core drop head cable.  
**CUTTER 1" NO. 48-38-0060** for 5/16" inner-core drop head cable.  
**CUTTER 1" NO. 48-38-0070** for 3/8" inner-core drop head cable.  
**CUTTER 1-1/4" NO. 48-38-0080** for 3/8" inner-core drop head cable.  
**TYPE "A" GREASE NO. 49-08-0500** 1/2 LB. CAN  
**TYPE "A" GREASE NO. 49-08-0800** 1 LB. CAN





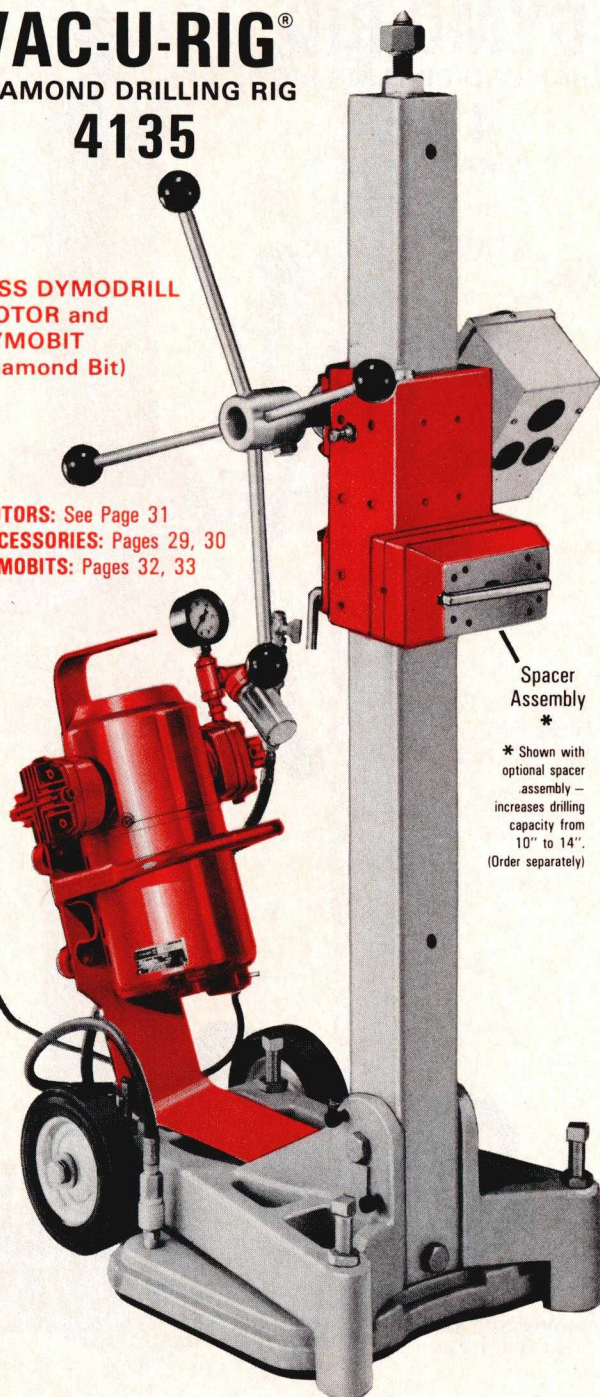
# HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN  
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

## VAC-U-RIG® DIAMOND DRILLING RIG 4135

LESS DYMODRILL  
MOTOR and  
DYMOBIT  
(Diamond Bit)

MOTORS: See Page 31  
ACCESSORIES: Pages 29, 30  
DYMOBITS: Pages 32, 33



Spacer  
Assembly  
\*

\* Shown with  
optional spacer  
assembly —  
increases drilling  
capacity from  
10" to 14".  
(Order separately)

For use with DYMODRILL motors. The No. 4135 VAC-U-RIG® consists of a No. 4130 DYMORIG, a 30 amp meter box No. 48-51-0100, and a VAC-U-RIG® attachment kit No. 49-22-7070. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The VAC-U-RIG® attachment kit supplied with No. 4135 includes one vacuum pad and a vacuum pump assembly with gauge, filter, air hose and fittings. The No. 4135 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 30. Net weight 126 lbs. Shipping weight 148 lbs.

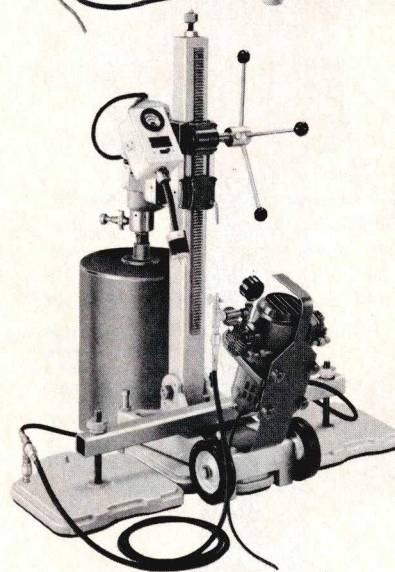


### ANGLE DRILLING

Columns can be set at any angle up to 45° when angle drilling is required.

### EXTRA RIGIDITY

The 3" square tubular column has 1/4" thick walls for superior strength in demanding situations.



### SMOOTH CRADLE 28" TRAVEL

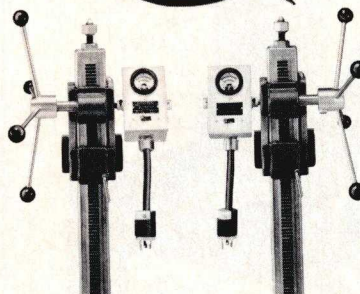
Adjustable and fixed brass gibs inside the cradle contact all sides of the cradle for proper tension. Gibs provide smooth cradle travel and precise drill alignment.

### EXTRA HOLDING POWER

Up to three vacuum pads can be used with the diamond drilling rigs for extra holding power.

### JACK SCREW

Adjustable jack screw at top of column provides maximum rigidity when used with telescoping assembly between ceiling and floor. Jack Screw is narrower than the column allowing quick cradle removal.



### BUBBLE LEVEL

For quick, accurate leveling. Level is mounted on cradle for easy viewing.

### REMOVABLE CRADLE For easy wall mounting.

### RIGHT OR LEFT HANDED OPERATION

The four spoke wheel feed control and the meter box mount on either side of the cradle for right or left-handed operation. The meter box rotates 360°. It can be mounted facing the front or the back of the rig for clear viewing.

MILWAUKEE Diamond Drilling Equipment accessories for Models 4125, 4130 and 4135 are completely interchangeable. All these units can be used with the large or small base assemblies and with or without vacuum. See pages 29 and 30.





# HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN  
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

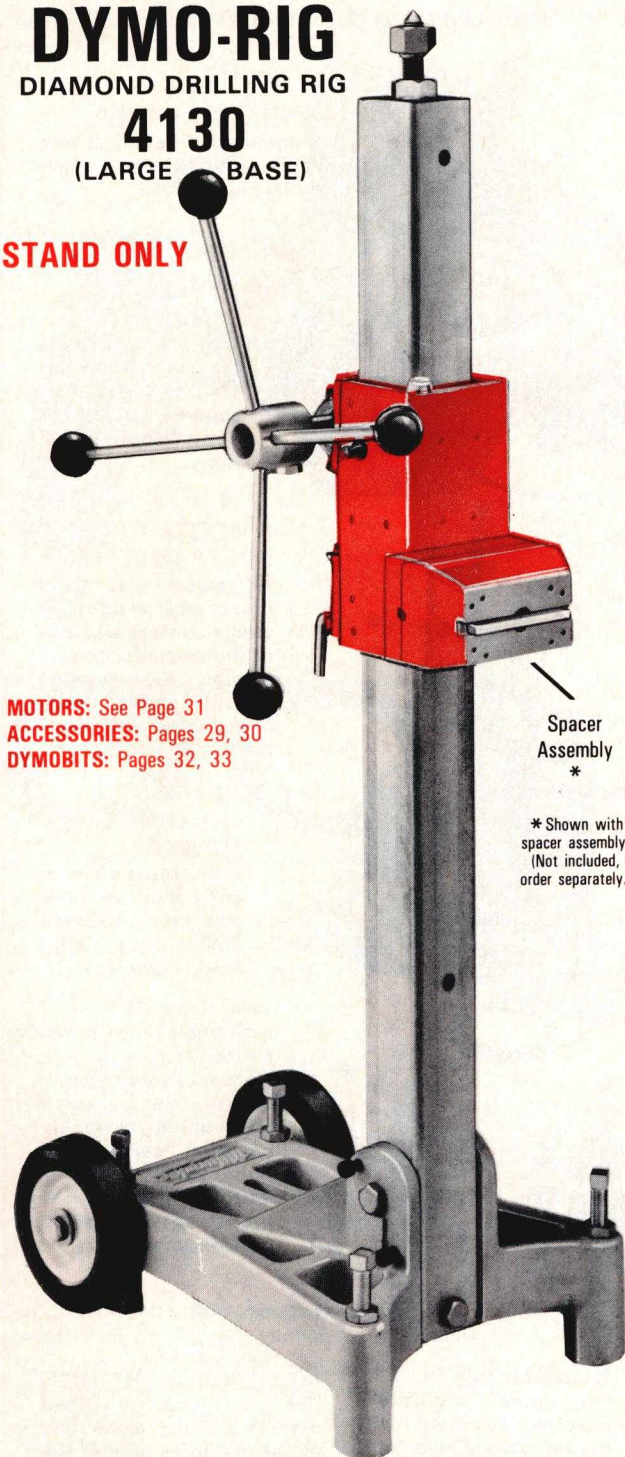
## DYMO-RIG

DIAMOND DRILLING RIG

### 4130

(LARGE BASE)

STAND ONLY



MOTORS: See Page 31  
ACCESSORIES: Pages 29, 30  
DYMOBITS: Pages 32, 33

Spacer  
Assembly  
\*

\* Shown with  
spacer assembly.  
(Not included,  
order separately.)

The same as the 4135, but without the meter box and the VAC-U-RIG® attachment kit. The large base can be floor or wall mounted with a bolt type anchor or braced from the ceiling with a telescoping assembly by using the jack screw. The base can be replaced with No. 48-10-0080 small base or used with a VAC-U-RIG® attachment kit to convert the 4130 into a 4135 VAC-U-RIG®. Order meter box separately. Net weight 82.5 lbs. Shipping weight 103.5 lbs.

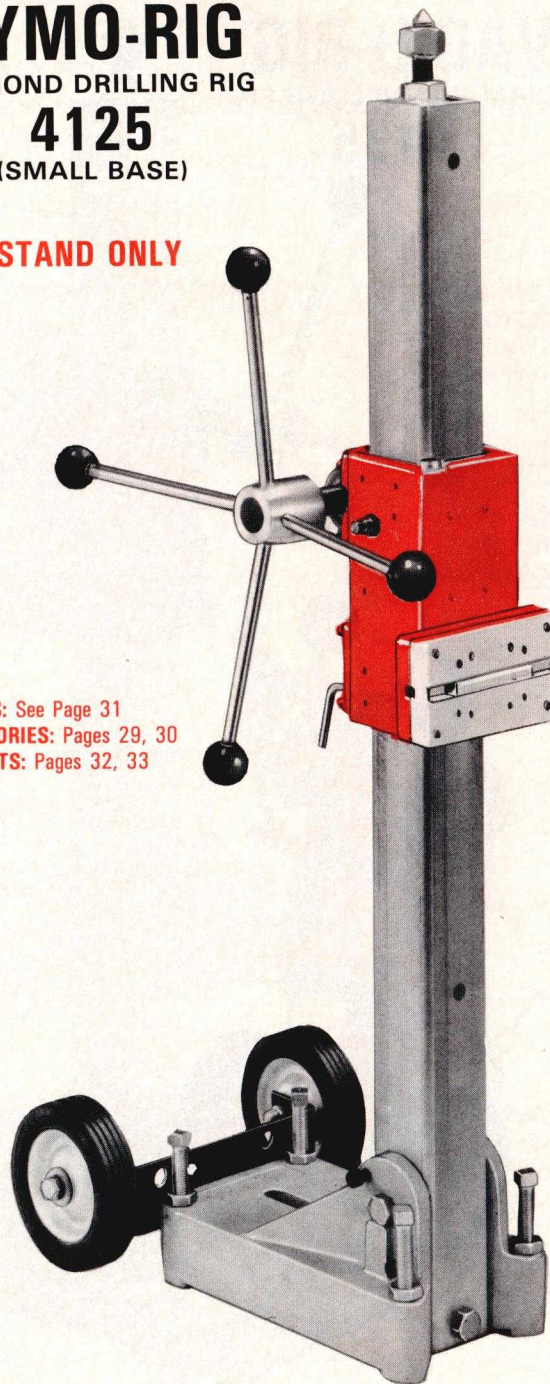
## DYMO-RIG

DIAMOND DRILLING RIG

### 4125

(SMALL BASE)

STAND ONLY



MOTORS: See Page 31  
ACCESSORIES: Pages 29, 30  
DYMOBITS: Pages 32, 33

The same as the 4130 DYMORIG at left but with a smaller base for confined drilling situations. For more support, the small base can be used with a VAC-U-RIG® attachment kit No. 49-22-7070, or it can be replaced with the large base assembly, converting it into a 4130 DYMORIG. The 4125 will accept the same attachments as the 4130 and the 4135. Order meter box separately. Net weight 71 lbs. Shipping weight 92 lbs.





# HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN  
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

## DYMORIG DIAMOND DRILLING RIG 4104

**STAND ONLY**

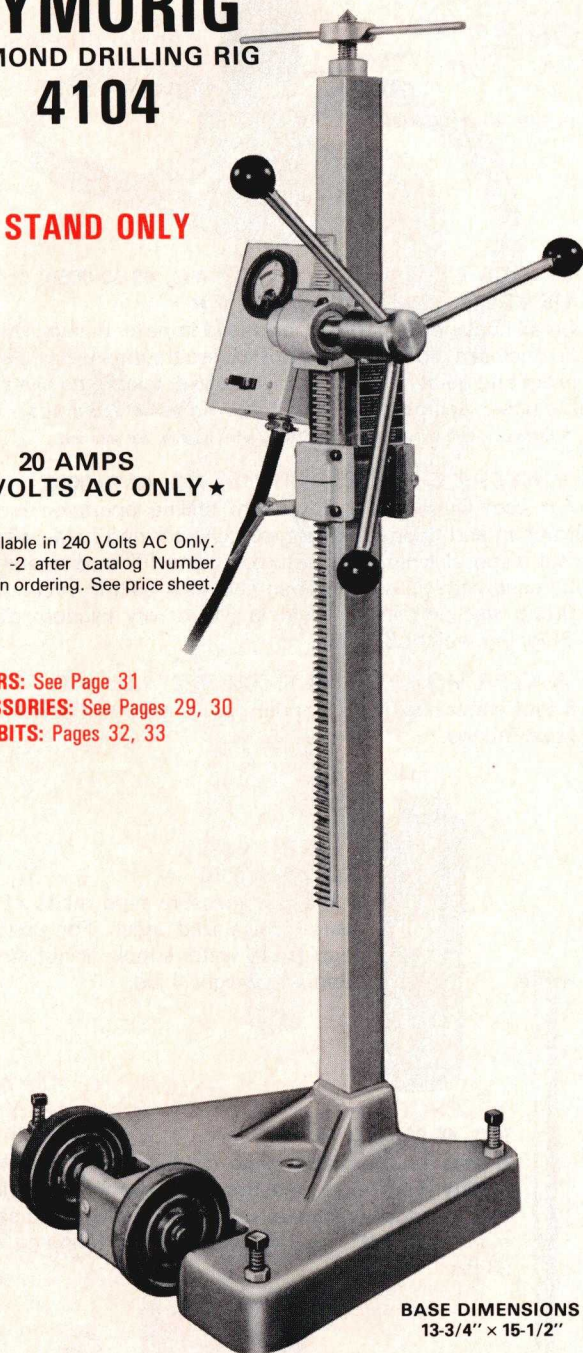
**20 AMPS  
120 VOLTS AC ONLY ★**

★ Available in 240 Volts AC Only.  
Add -2 after Catalog Number  
when ordering. See price sheet.

**MOTORS:** See Page 31

**ACCESSORIES:** See Pages 29, 30

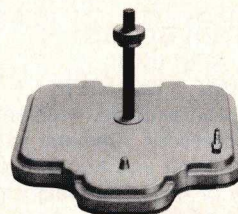
**DYMOBITS:** Pages 32, 33



**BASE DIMENSIONS**  
13-3/4" x 15-1/2"

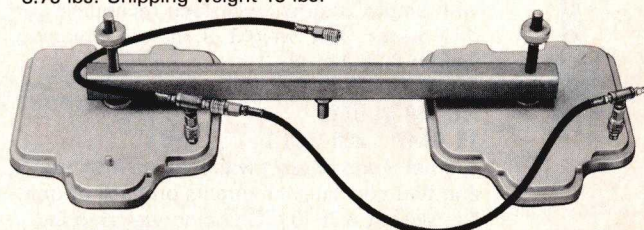
Rack and pinion feed — 24" 3 spoke feed control for uniform drilling pressure. Two color range ammeter indicates proper pressure and drilling speed — Jack Screw at top for bracing support to ceiling. DYMORIG can be used with VAC-U-RIG® Attachment Kit (see right). Net weight 65 lbs. Shipping weight 74 lbs.

## ACCESSORIES



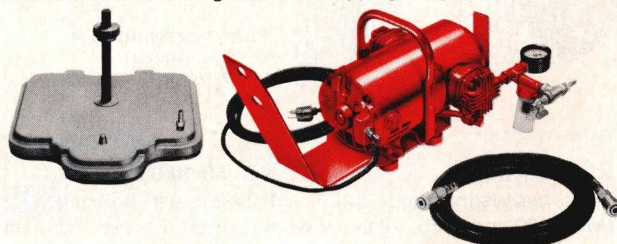
### VACUUM PAD ASSEMBLY (Single Pad)

**NO. 49-22-7100** Single vacuum pad. Same as supplied with No. 4135 and VAC-U-RIG® attachment kits No. 49-22-7070 and No. 49-22-7080. Can be used with No. 4130 and No. 4125. Net weight 8.75 lbs. Shipping weight 13 lbs.



### VACUUM PAD ASSEMBLY (Double Pad)

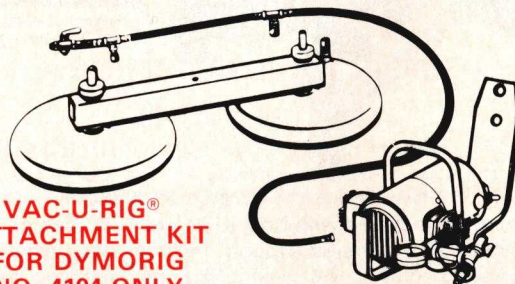
**NO. 49-22-7090** Provides extra holding force when needed. For use with Nos. 4135, 4130 and 4125. Includes two vacuum pads, cross-bar assembly and hoses. Can be used separately or in addition to the single pad supplied with the VAC-U-RIG® or VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.



### VAC-U-RIG® ATTACHMENT KIT

**NO. 49-22-7070 120 VOLT** Complete vacuum assemblies consisting of one vacuum pad and vacuum pump assembly with switch, gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4135 and also for use with Nos. 4130 and 4125. Net weight 40 lbs. Shipping weight 46 lbs.

**NO. 49-22-7080 240 VOLT** Same as above but with 240 Volt vacuum pump assembly.



### VAC-U-RIG® ATTACHMENT KIT FOR DYMORIG NO. 4104 ONLY

**NO. 49-22-7050** Complete vacuum assemblies consisting of two 13" diameter suction pads, cross-bar, vacuum pump assembly with switch, gauge, filter, air hose and fittings. Converts to vacuum mounting. Net weight 61 lbs. Shipping weight 65 lbs.

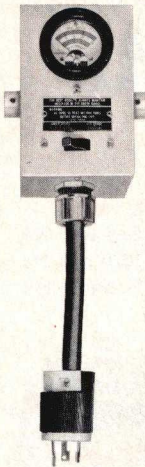




# HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN  
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

## ACCESSORIES



### METER BOXES

**NO. 48-51-0100**  
**30 AMP 120 VOLT**

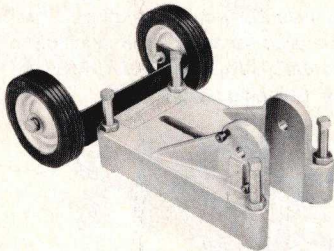
Supplied with No. 4135 and also available as an accessory. Ammeter and power switch on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

**NO. 48-51-0120**  
**20 AMP 120 VOLT**

Ammeter and power switch on front panel with single 20 amp twist lock receptacle for drill motor. Net weight 3.75 lbs. Shipping weight 5.25 lbs.

**NO. 48-51-0110**  
**15 AMP 240 VOLT**

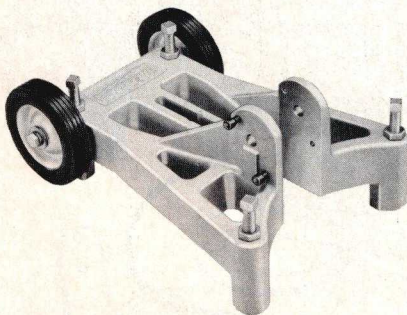
Ammeter and power switch are on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.



**BASE DIMENSIONS**  
(less wheels)  
7-1/4" x 13"

### SMALL BASE ASSEMBLY NO. 48-10-0080

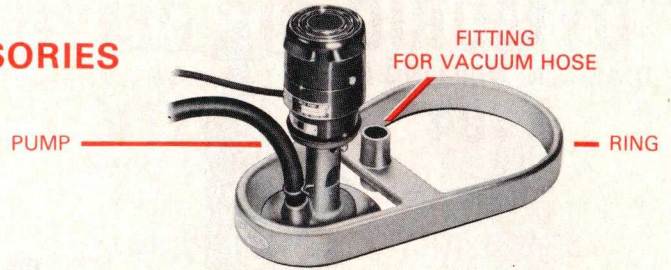
Small base is included with No. 4125 and can be used with Nos. 4130 and 4135. Works well in restricted areas. Includes two wheels and four leveling screws. Net weight 22 lbs. Shipping weight 26 lbs.



**BASE DIMENSIONS**  
(less wheels)  
13-1/4" x 17-1/8"

### LARGE BASE ASSEMBLY NO. 48-10-0090

Large base is included with Nos. 4130 and 4135. Can be used with No. 4125 for greater support. Includes two wheels and four leveling screws. Net weight 33.5 lbs. Shipping weight 37.5 lbs.



### WATER COLLECTOR PUMP NO. 49-50-0050

**115 VOLTS 50-60 Hz AC ONLY ★**  
Small heavy-duty pump of balanced impeller design, driven by an enclosed motor. Pumps out excess trapped water, abrasive-proof and quiet running. Furnished with reinforced plastic flexible hose. Shipping weight 12 lbs. Rated at 2.5 amps.

★ Available in 230 Volts. Use No. 49-50-0052 when ordering. See price sheet.

### WATER COLLECTING RING NO. 48-70-0060

For use where water flow from drilling operation must be trapped and drained. Dike-type collector ring holds water for fast disposal when used with bits up to 10" in diameter. May be used with pump described above. A built-in vacuum hose fitting also permits use with a wet or dry vacuum cleaner. Shipping weight 8.75 lbs.

### WATER HOSE NO. 49-18-0055 5/8" I.D. x 8'

8 foot water hose with standard brass male and female water hose fittings.



### WATER TANK

**NO. 49-76-0050**

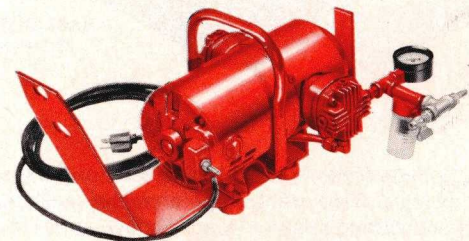
3-1/2 gal. pressure type made of heavy gauge galvanized steel. For use where regular tap water supply is not available. Shipping weight 8 lbs.



### TELESCOPING EXTENSION ASSEMBLY

**NO. 48-95-1000**

Braces unit between floor and ceiling for maximum rigidity. Fixed hole adjustments. Assembly adjusts to 14 foot ceilings. Fractional take up between fixed settings made with jack screw at top of stands. Shipping weight 33 lbs.



### VACUUM PUMP ASSEMBLY

**NO. 49-50-0140 (120 VOLT) NO. 49-50-0150 (240 VOLT)**

Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter, switch and cord. May be mounted to base of unit if desired. Same as furnished with No. 4135 and VAC-U-RIG® ATTACHMENT KIT. Net weight 30 lbs. Shipping weight 34 lbs.



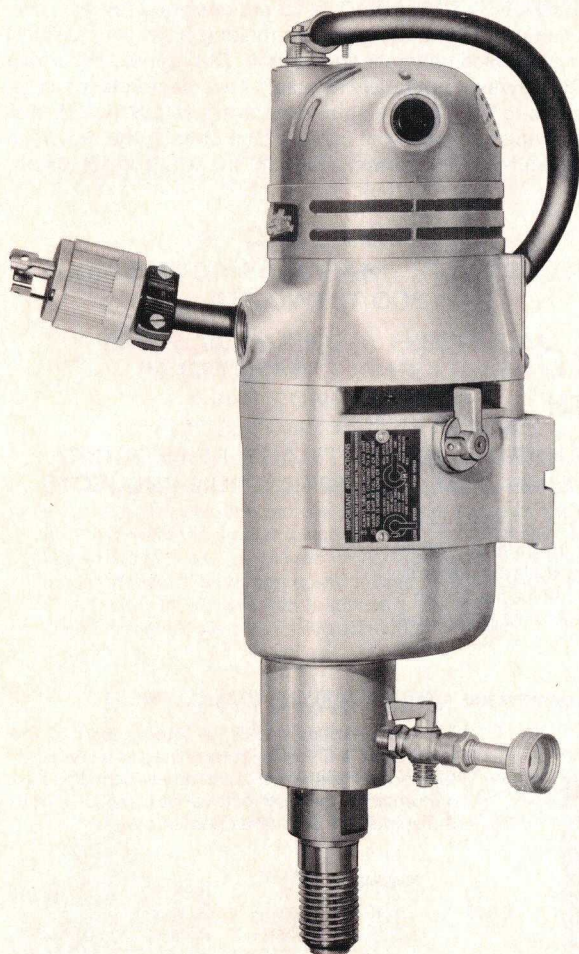


# HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN  
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

## TWO SPEED DYMODRILL MOTORS

FOR USE WITH VAC-U-RIG® and DYMORIG DIAMOND CORE DRILL RIGS

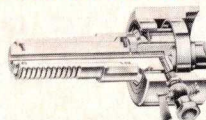


### FEATURES:

- 15 AMP AND 20 AMP MOTORS
- ALL BALL AND ROLLER BEARING
- TRIPLE REDUCTION GEARING
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR

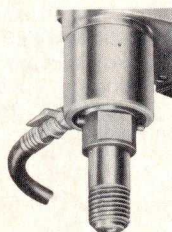
All lead wires fused to commutator bars to guard against open circuits. Armatures are dynamically balanced for smooth running, high efficiency and long life.

### ● BUILT-IN WATER SWIVEL



With spring-loaded, leakproof seals. Directs flow of water to drilling edge of diamond bit to keep diamonds cool and cutting at top efficiency . . . flushes away cuttings.

### ● SHEAR PIN PROTECTION



Protects gears and motor against overload and allows machine to operate at safe torque. Shear pins easily replaced. Extra pins are included with each unit.

STANDARD SHEAR PIN NO. 44-60-0050

\* HARDENED SHEAR PIN NO. 44-60-0030

\*Offers more strength.

For experienced commercial drilling contractors only.

### ● TWO SPEED SHIFT LEVER



Speed changes are easily made by means of a conveniently located shift lever which transfers drive gear from one position to the other. Gears are constantly in mesh.

## TWO SPEED DYMODRILL MOTOR SPECIFICATIONS

### 15 AMP MODELS

CATALOG NUMBER	VOLTS	AMPS	SPEED RPM	SUGGESTED DRILLING CAPACITY	NET WGT. LBS.	SHP. WGT. LBS.
4030	120	15●	375 750	5"-8" 2-1/2"-5"	24	32
4035	120	15●	500 1000	3"-5" 1-1/4"-3"	24	32

● Cord equipped with 20 amp twist lock plug.

### 20 AMP MODELS

*Advanced, High Performance motor design provides 60% more peak horsepower than 15 amp models. Maintains higher speed under load for up to 100% increase in drilling rates. Lightweight — up to 8 lbs. lighter than competitive units.*

4029 ★	120	20●	300 600	5"-10" 2-1/2"-5"	24	32
4034 ★	120	20●	450 900	3-1/2"-6-1/2" 1-1/2"-3-1/2"	24	32
4039 ★	120	20●	600 1200	2-1/2"-5-1/2" 1/4"-2-1/2"	24	32

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

● Cord equipped with 20 amp twist lock plug.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

### Spindle Thread Size All Models 1-1/4"-7.

Capacity ranges listed on specific models are for maximum drilling efficiency in average aggregate. Speeds must be adjusted for material conditions. All models can also be used for other diameters.

**STANDARD EQUIPMENT** includes built-in water swivel, adapter to receive standard water hose, water control valve, extra shear pins, also an open end wrench for removing bits.

## ADDITIONAL ACCESSORIES

### SPACER WITH KEY

NO. 49-67-0050 for Rigs Nos. 4114, 4119 and 4104 only. Allows use of bits thru 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws included.

### 3/16" ALLEN WRENCH

NO. 49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG®.

### 1-3/8" OPEN END WRENCH

NO. 49-96-4700 For DYMODRILLS listed in charts at left.

### GREASE TYPE "C" FOR TWO SPEED MODELS

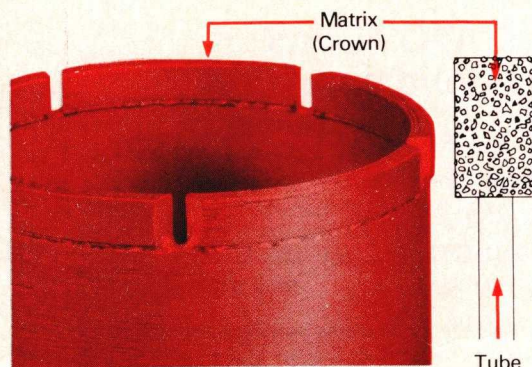
NO. 49-08-1000 1 Lb. Can.





# HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE



**MILWAUKEE IMPREGNATED DIAMOND BITS** are designed for fast, efficient cutting in a wide variety of concrete products ranging from poured, steel reinforced concrete to prestressed concrete and asphalt. During use, the crown of the bit is gradually worn away, continually exposing new diamonds for constant cutting speeds and long life. Before shipment, every MILWAUKEE diamond bit is "run in" to properly expose the surface diamonds in the crown so no break-in period is required — fast accurate drilling for the entire life of the bit.

## **PREMIUM GRADE RED CROWN DYMOBITS** 14" CORE LENGTH

**MORE HOLES AT LESS COST PER HOLE EVEN THROUGH HARD AGGREGATE AND REINFORCED CONCRETE FOR • DRILLING CONTRACTORS • LINE DRILLING • ALL CONSTRUCTION PROJECTS**

Improved Red Crown Premium Bit Life is up to 1-1/2 times longer than previous MILWAUKEE Red Crown designs with up to 50% faster drilling speeds. Highly concentrated diamonds are uniformly distributed throughout a metal bond matrix. 14" Core length is standard. Conforms to Diamond Core Drilling Manufacturers Association standards.



### **SOLID BACK TYPE**

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and milled flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE	MAXIMUM DRILLING DEPTH
3/4"	48-16-0755	5/8"-11‡	14"
7/8"	48-16-0875	5/8"-11‡	14"
1"	48-16-1005	5/8"-11‡	14"
1-1/4"	48-16-1258	5/8"-11‡	14"
1-1/2"	48-16-1505	5/8"-11‡	14"
2"	48-16-2006	1-1/4"-7	14"
2-1/2"	48-16-2506	1-1/4"-7	14"
2-3/4"	48-16-2755	1-1/4"-7	14"
3"	48-16-3006	1-1/4"-7	14"
3-1/2"	48-16-3506	1-1/4"-7	14"
4"	48-16-4006	1-1/4"-7	14"
4-1/2"	48-16-4505	1-1/4"-7	14"
5"	48-16-5006	1-1/4"-7	14"
6"	48-16-6006	1-1/4"-7	14"
7"	48-16-7005	1-1/4"-7	14"
8"	48-16-8005	1-1/4"-7	14"
9"	48-16-9005	1-1/4"-7	14"
10"	48-16-9505	1-1/4"-7	14"

‡NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.





# HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

## STANDARD CONTRACTORS DYMOBITS

14" CORE LENGTH

HIGH PERFORMANCE AND HIGH QUALITY  
AT LOWEST COST

FOR • PLUMBING • ELECTRICAL  
MAINTENANCE • HEATING  
• AIR CONDITIONING  
• VENTILATING CONTRACTORS

Crown and segment dimensions plus new low cost make this bit a general purpose contractors tool. Designed specifically for drilling smaller numbers of a specific size hole or where difficult drilling conditions may result in damage to more expensive longer life bits. Same high speed drilling rates as premium Red Crown bits. 14" Core length is standard. Conforms to Diamond Core Drilling Manufacturers Association standards.

### SOLID BACK TYPE

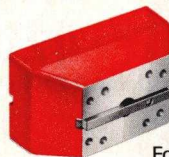
The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and milled flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench.



NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE	MAXIMUM DRILLING DEPTH
2"	48-16-2007	1-1/4"-7	14"
2-1/2"	48-16-2507	1-1/4"-7	14"
3"	48-16-3007	1-1/4"-7	14"
3-1/2"	48-16-3507	1-1/4"-7	14"
4"	48-16-4007	1-1/4"-7	14"
4-1/4"	48-16-4257	1-1/4"-7	14"
5"	48-16-5007	1-1/4"-7	14"
6"	48-16-6007	1-1/4"-7	14"

‡ NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

## HEAVY-DUTY SPACER ASSEMBLIES THREADED ADAPTERS AND BIT EXTENSIONS FOR DYMOBITS



### SPACER ASSEMBLY

NO. 49-67-0110

For use with Nos. 4125, 4130 and 4135. Mounts between cradle and DYMODRILL motor to increase bit capacity from 10" to 14". Net weight 3 lbs. Shipping weight 5 lbs.

### SPACER ASSEMBLY

NO. 49-67-0050

For use with No. 4104 and previous model Nos. 4114 and 4119. Spacer 1" thick, mounts between cradle and DYMODRILL motor. Allows use of bits thru 10" diameter.

### 3/16" SOCKET WRENCH

NO. 49-96-0085

For mounting DYMODRILLS to cradle.

### 1-3/8" OPEN END WRENCH

NO. 49-96-4700

For use with DYMODRILLS listed in charts on page 31. Also for Threaded Adapters and Bit Extensions.



### THREADED ADAPTERS

NO. 48-04-0160\* THREAD ADAPTER reduces thread size of 1-1/4"-7 to 5/8"-11 for DYMOBITS and extensions.

\* Used on DYMODRILLS listed in table on page 31.



### BIT EXTENSIONS

NO. 48-95-1500 9" BIT EXTENSION

Extension threaded on both ends with 1-1/4"-7 thread, for use with Diamond Core Bits over 2" diameter with 1-1/4"-7 thread. Extension mounts directly to DYMODRILL; two or more can be coupled together for deep hole drilling.

NO. 48-95-2100 10-1/2" BIT EXTENSION

Extension threaded on both ends with 5/8"-11 thread, for use with 1-1/4" and 1-1/2" diameter Diamond Core Bits with 5/8"-11 thread. Extension requires No. 48-04-0160 Threaded Adapter for mounting to DYMODRILLS; two or more can be coupled together for deep hole drilling.





# HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

**SMALL BASE**

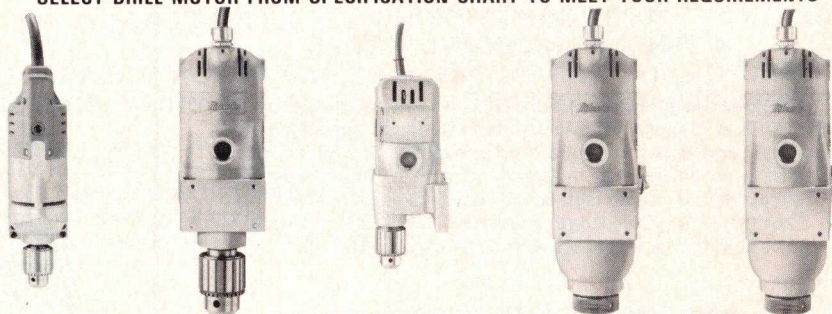
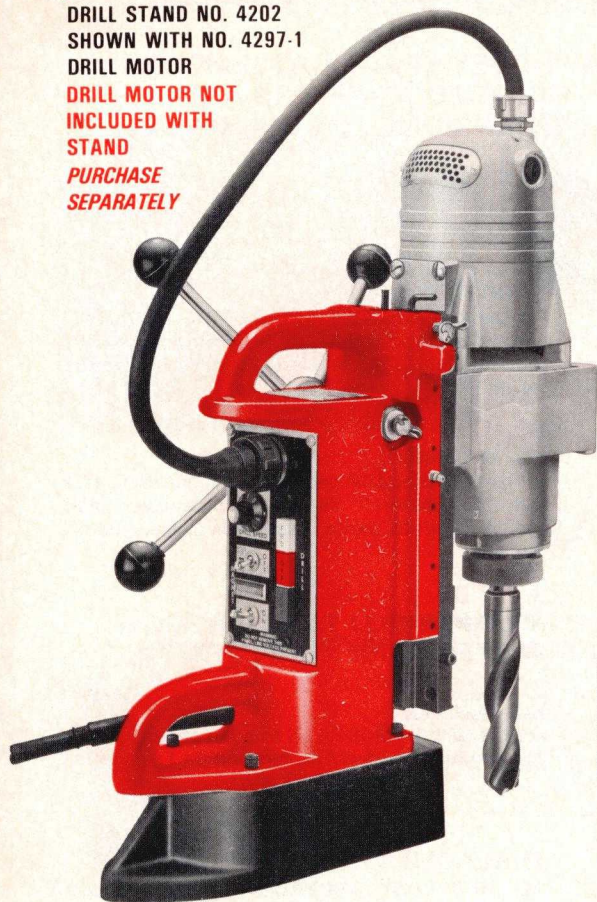
DRILL STAND NO. 4202  
SHOWN WITH NO. 4297-1  
DRILL MOTOR  
DRILL MOTOR NOT  
INCLUDED WITH  
STAND  
PURCHASE  
SEPARATELY

## ELECTROMAGNETIC DRILL STAND 4202 STAND ONLY **SPEED CONTROL**

120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

- INCREASED HOLDING POWER FOR MATERIALS  
AS THIN AS 1/2" PLATE
- 5 COMBINATIONS AVAILABLE
- UP TO 1670 LB. DRILL POINT PRESSURE  
ON 1" STEEL PLATES
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1

4262-1

4265-1 ♦

4292-1

4297-1

CLOSE CORNER DRILL

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY ▲ * DRILL TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT. W. L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1 ●	120	6.2	1/2" 5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	15" 4-1/4" 11"	1650	41	49
4262-1	120	11.5	3/4" 1"-14	400	Chuck	48-66-2080	48-66-3160	15" 4-1/4" 11"	1670	41	60
4265-1	120	6	1/2" 5/8"-18 ‡	450	Chuck	48-66-1380	48-66-3280	15" 4-1/4" 11"	1450	41	52
4292-1 ■	120	11.5	1-1/4" 1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15" 4-1/4" 11"	1600	41	63
4297-1 ■	120	11.5	1-1/4" 1"-14	500-250	No. 3MT	45-34-0050		15" 4-1/4" 11"	1600	41	63

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

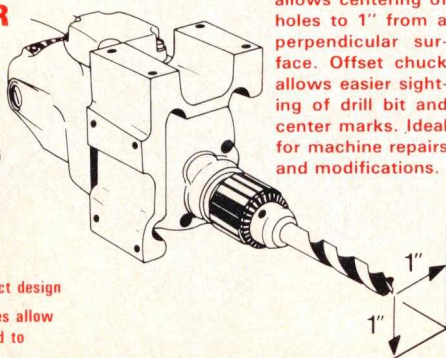
‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE... To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 24. Refer to the instruction manual for sizes.

\* See page 38 for Steel Hawg™ capacities.

### ♦ CLOSE CORNER DRILL MOTOR

CATALOG  
NUMBER  
**4265-1**



Close Corner Drill allows centering of holes to 1" from a perpendicular surface. Offset chuck allows easier sighting of drill bit and center marks. Ideal for machine repairs and modifications.

- Lightweight compact design
- 2 mounting surfaces allow positioning for hard to reach places

## CORD CONVERSION KITS FOR DRILL

Cord Conversion Kits are available that will permit the use of new style motors with old style bases and old style motors with new bases.

We recommend installation of Cord Conversion Kits be done at **MILWAUKEE SERVICE CENTERS** or **AUTHORIZED SERVICE STATIONS**.

- ▲ Adaptor plate 42-04-0580 is required to mount 4250-1 or 4252-1 drill motor to the latest magnetic drill stands with new three position slide mount.



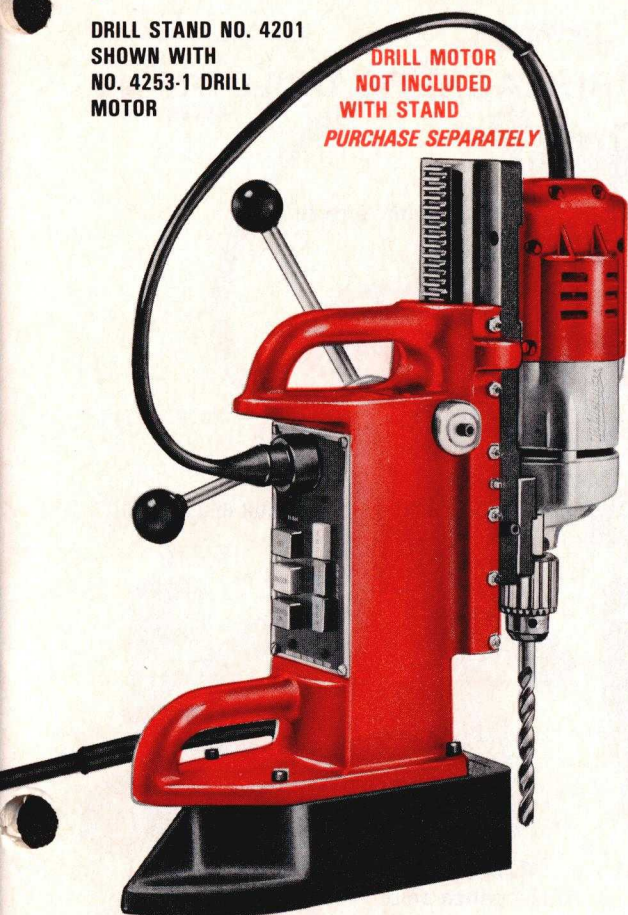


# HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

SMALL BASE

DRILL STAND NO. 4201  
SHOWN WITH  
NO. 4253-1 DRILL  
MOTOR

DRILL MOTOR  
NOT INCLUDED  
WITH STAND  
PURCHASE SEPARATELY

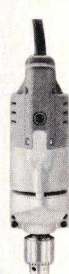


## ELECTROMAGNETIC DRILL STAND 4201 STAND ONLY

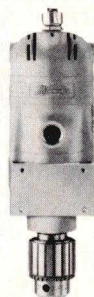
120 Volts AC Only 12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 1470 LB. DRILL POINT PRESSURE  
MAXIMUM ON 1" STEEL PLATES
- 9" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1

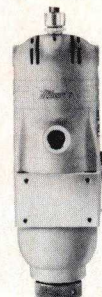


4262-1

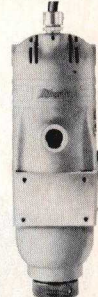


4265-1 ♦

CLOSE CORNER DRILL



4292-1



4297-1

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY ▲ * DRILL TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT. W. L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1 ●	120	6.2	1/2" 5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	15" 4-1/4" 11"	1450	41	49
4262-1	120	11.5	3/4" 1"-14	400	Chuck	48-66-2080	48-66-3160	15" 4-1/4" 11"	1470	41	60
4265-1	120	6	1/2" 5/8"-18 ‡	450	Chuck	48-66-1380	48-66-3280	15" 4-1/4" 11"	1275	41	52
4292-1 ■	120	11.5	1-1/4" 1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15" 4-1/4" 11"	1410	41	63
4297-1 ■	120	11.5	1-1/4" 1"-14	500-250	No. 3MT	45-34-0050		15" 4-1/4" 11"	1410	41	63

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE... To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 24. Refer to the instruction manual for sizes.

\* See page 38 for Steel Hawg™ capacities.

## MOTORS AND MAGNETIC DRILL BASES

To Convert Drill Motors	To Fit Stands	Use Conversion Kit
4250-1 ▲	4201, 4202	14-46-4250
4260-1		14-46-4260
4280-1	4201, 4202, 4221, 4231	14-46-4260
4290-1		14-46-4260
4295-1		14-46-4260
4252-1 ▲	4200	14-46-4252
4253-1		
4262-1		14-46-4262
4282-1	4210, 4220, 4230	14-46-4262
4292-1		14-46-4262
4297-1		14-46-4262

### TYPE "A" GREASE FOR SINGLE SPEED

NO. 49-08-0500 1/2 LB. CAN

NO. 49-08-0800 1 LB. CAN

### TYPE "C" GREASE FOR TWO SPEED

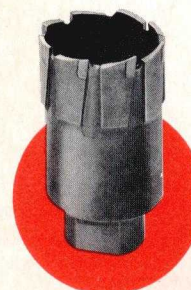
NO. 49-08-1000 1 LB. CAN

### 6' LENGTH SAFETY CHAIN

NO. 48-58-0080

Same as furnished with unit.

**STEEL HAWG™  
METAL CUTTING BITS**  
See pages 38, 39







# HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

LARGE BASE

DRILL STAND NO. 4221  
SHOWN WITH  
NO. 4262-1  
DRILL MOTOR

DRILL MOTOR  
NOT INCLUDED  
WITH STAND  
PURCHASE SEPARATELY



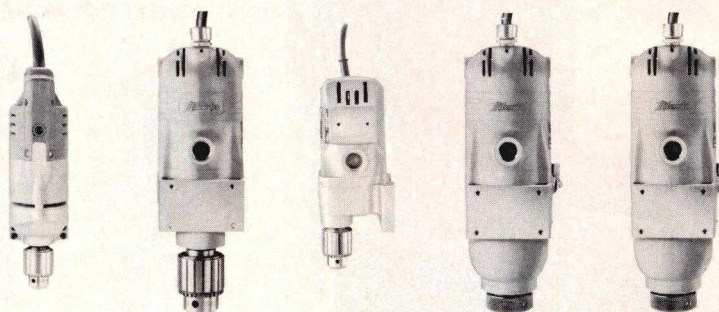
## ELECTROMAGNETIC DRILL STAND

**4221** STAND ONLY

120 Volts AC Only  
12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE  
MAXIMUM ON 1" STEEL PLATE §
- 11" DRILL TRAVEL

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1

4262-1

4265-1 ♦

4292-1

4297-1

CLOSE CORNER DRILL

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY ▲ * DRILL TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND HT.	DRILL STAND W.	DRILL STAND L.	§ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1 ●	120	6.2	1/2" 5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	58	65
4262-1	120	11.5	3/4" 1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4"	5-1/4"	14"	2000	58	77
4265-1	120	6	1/2" 5/8"-18 ‡	450	Chuck	48-66-1380	48-66-3280	17-1/4"	5-1/4"	14"	1750	58	69
4292-1 ■	120	11.5	1-1/4" 1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	80
4297-1 ■	120	11.5	1-1/4" 1"-14	500-250	No. 3MT	45-34-0050		17-1/4"	5-1/4"	14"	1915	58	80

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

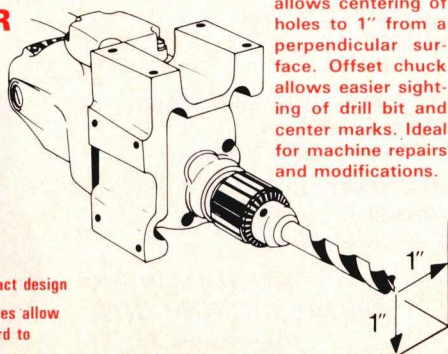
‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE... To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 24. Refer to the instruction manual for sizes.

\* See page 38 for Steel Hawg™ capacities.

## ♦ CLOSE CORNER DRILL MOTOR

CATALOG  
NUMBER  
**4265-1**



Close Corner Drill allows centering of holes to 1" from a perpendicular surface. Offset chuck allows easier sighting of drill bit and center marks. Ideal for machine repairs and modifications.

- Lightweight compact design
- 2 mounting surfaces allow positioning for hard to reach places.

## CORD CONVERSION KITS FOR DRILL

Cord Conversion Kits are available that will permit the use of new style motors with old style bases and old style motors with new bases.

We recommend installation of Cord Conversion Kits be done at MILWAUKEE SERVICE CENTERS OR AUTHORIZED SERVICE STATIONS.

- ▲ Adaptor plate 42-04-0580 is required to mount 4250-1 or 4252-1 drill motor to the latest magnetic drill stands with new three position slide mount.





# HEAVY-DUTY ELECTROMAGNETIC DRILL PRESS

ADJUSTABLE BASE

DRILL STAND NO. 4231  
SHOWN WITH  
NO. 4292-1  
DRILL MOTOR



DRILL MOTOR  
NOT INCLUDED  
WITH STAND  
PURCHASE  
SEPARATELY

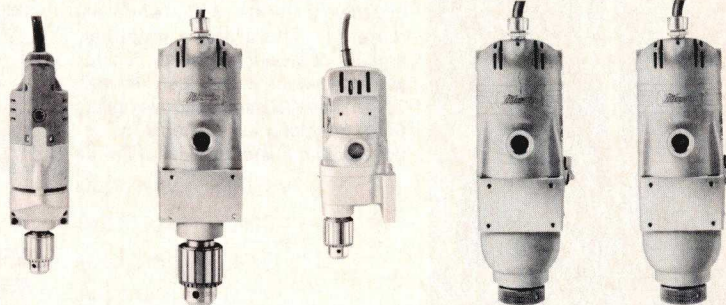
## ELECTROMAGNETIC DRILL STAND 4231 STAND ONLY

120 Volts AC Only

Available in 240 Volt AC Only — Add -2 to Catalog Number  
12.5 Amps Maximum Rating with Large Drill

- 5 COMBINATIONS AVAILABLE
- 2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATES §
- 11" DRILL TRAVEL
- ADJUSTABLE 3/4" IN DIRECTION OF BASE LENGTH AND 20° RIGHT OR LEFT

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS



4253-1

4262-1

4265-1 ♦

4292-1

4297-1

CLOSE CORNER DRILL

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY ▲* DRILL	* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT. W. L.	DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1 ●	120	6.2	1/2"	5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	17-1/4" 5-1/4" 14"	1975	60	67
4262-1 ★	120	11.5	3/4"	1"-14	400	Chuck	48-66-2080	48-66-3160	17-1/4" 5-1/4" 14"	2000	60	79
4265-1	120	6	1/2"	5/8"-18 ‡	450	Chuck	48-66-1380	48-66-3280	17-1/4" 5-1/4" 14"	1750	60	71
4292-1 ■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4" 5-1/4" 14"	1915	60	82
4297-1 ★■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050		17-1/4" 5-1/4" 14"	1915	60	82

★ Available in 240 Volts. Add -3 after Catalog Number when ordering. See price sheet.

■ Two speed drills. § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE... To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket order accessory Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 24. Refer to the instruction manual for sizes.

\* See page 38 for Steel Hawk™ capacities.

## MOTORS AND MAGNETIC DRILL BASES

To Convert Drill Motors	To Fit Stands	Use Conversion Kit
4250-1 ▲	4201, 4202	14-46-4250
4260-1		14-46-4260
4280-1	4201, 4202, 4221, 4231	14-46-4260
4290-1		14-46-4260
4295-1		14-46-4260
4252-1 ▲	4200	14-46-4252
4253-1		
4262-1		14-46-4262
4282-1	4210, 4220, 4230	14-46-4262
4292-1		14-46-4262
4297-1		14-46-4262

### TYPE "A" GREASE FOR SINGLE SPEED

NO. 49-08-0500 1/2 LB. CAN

NO. 49-08-0800 1 LB. CAN

### TYPE "C" GREASE FOR TWO SPEED

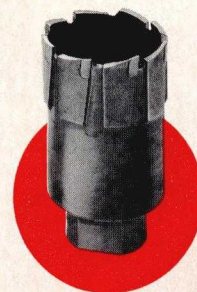
NO. 49-08-1000 1 LB. CAN

### 6' LENGTH SAFETY CHAIN

NO. 48-58-0080

Same as furnished with unit.

**STEEL HAWK  
METAL CUTTING BITS**  
See pages 38, 39



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

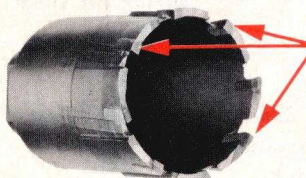




# HEAVY-DUTY STEEL HAWG™

**FASTER, MORE EFFICIENT LARGE HOLE CUTTER  
FOR STEEL PLATE, STAINLESS STEEL, CAST IRON OR ALUMINUM**

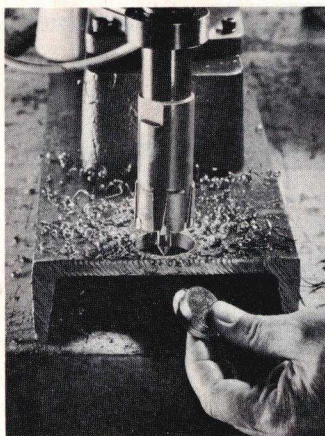
**3 TIMES FASTER THAN TWIST DRILLS IN STEEL,  
STAINLESS, NON-FERROUS BECAUSE OF:**



**CARBIDE TIPPED  
MULTIPLE CUTTING EDGES**  
MILWAUKEE STEEL HAWGS™ are highly efficient carbide-tipped cutting tools. Alternating inside and outside cutting edges are carefully ground to cut holes rapidly with great precision.

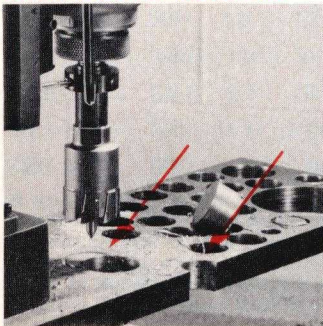
STEEL HAWGS™, with their harder carbide tips, also last longer than regular twist drills. The STEEL HAWG'S™ multiple cutting edges uniformly distribute the cutting load over a wider area than a two flute twist drill tip.

## MINIMAL STOCK REMOVAL



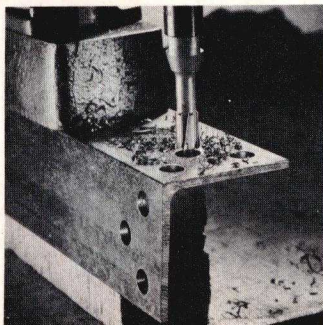
MILWAUKEE STEEL HAWGS™ are designed to remove approximately a 1/8" wide kerf of material. Therefore a minimal amount of steel is removed. A plug is ejected upon completion of cut. This minimal cutting action is faster than removing all material as is done with a standard twist drill.

## SLOTING AND NOTCHING



The STEEL HAWG™ will slot or notch material away from the edge of a workpiece or from the edge of an existing hole. Lubrication must be applied with the arbor lubricating mechanism or directly to the notch or slot.

## ACCURATE HOLING



Pre-marked holes are easily located by positioning the center pin of the arbor on the center mark. No pre-punching or pilot holes are required. Holes are cut cleanly and accurately.

## MOTOR RECOMMENDATIONS FOR PORTABLE USE OF STEEL HAWGS™ WHEN CUTTING MILD STEEL USING MILWAUKEE MAG- NETIC DRILL STANDS

### One Piece STEEL HAWGS™ 1/2" Cutting Depth, 1/2" Shank

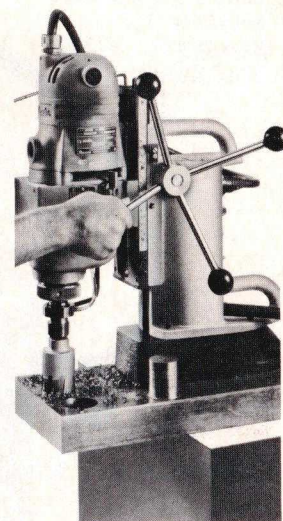
DRILL MOTOR ▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/ONE PIECE STEEL HAWG™
4253-1	1/2"	11/16" - 1-1/2"
4262-1	3/4"	11/16" - 1-1/2"
4265-1	1/2"	11/16" - 1-1/2"
4292-1	#3MT ★	11/16" - 1-1/2"
4297-1	#3MT ★	11/16" - 1-1/2"

▲ See pages 34 thru 37 for drill motor specifications.  
★ Requires use of Chuck and Arbor Kit No. 49-22-1550.

### 2" Cutting Depth STEEL HAWGS™ with Separate Arbor

DRILL MOTOR ▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/2" DEPTH STEEL HAWG™
4262-1	3/4" ●	3/4" - 4"
4292-1	#3MT ★	3/4" - 4"
4297-1	#3MT ★	3/4" - 5"

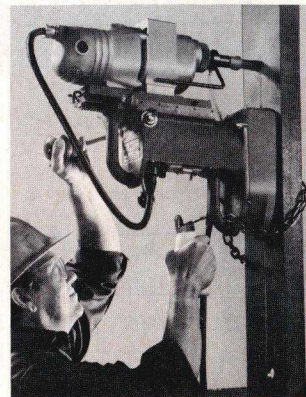
▲ See pages 34 thru 37 for drill motor specifications.  
● Requires use of 3/4" Shank Arbor No. 49-57-0030.  
★ Requires use of #3MT Arbor No. 49-57-0010.



**SELECT STAND AND  
MOTOR COMBINATIONS  
FROM PGS. 34, 35, 36, 37**

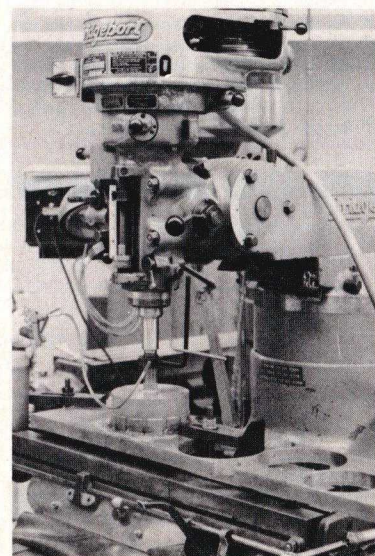
## NEW HOLDING APPLICATIONS NOW POSSIBLE BECAUSE OF MILWAUKEE STEEL HAWG™ LOW THRUST FEATURE

Cutting holes in structural steel is made easier with the combination of a MILWAUKEE STEEL HAWG™ and MILWAUKEE Electromagnetic Drill Press. The low thrust required by the STEEL HAWG™ allows large holes to be cut with a minimum amount of pressure.



## NUMEROUS APPLICATIONS USING STATIONARY DRILL PRESS MACHINERY

The speed, wide range of materials capable of being cut and the savings of reusable plugs make the STEEL HAWG™ suitable for many machine shop uses. The arbor center pin allows accurate alignment for premarked holes. Use only well maintained equipment with minimal spindle run out and manual feed operation.







# HEAVY-DUTY STEEL HAWG™

## MAXIMUM 2" DEPTH, UP TO 6" DIAMETER

### ONE PIECE STEEL HAWGS™ 1/2" Cutting Depth

SIZES 11/16" thru 1-1/2"

Recommended for use  
with MILWAUKEE Electromagnetic  
Drill Presses



3 MILLED FLATS  
1/2" SHANK

CATALOG NUMBER	CUTTER SIZE
49-57-8068	11/16"
49-57-8071	23/32"
49-57-8075	3/4"
49-57-8078	25/32"
49-57-8081	13/16"
49-57-8084	27/32"
49-57-8087	7/8"
49-57-8090	29/32"
49-57-8093	15/16"
49-57-8096	31/32"
49-57-8100	1"
49-57-8103	1-1/32"
49-57-8106	1-1/16"
49-57-8109	1-3/32"
49-57-8112	1-1/8"
49-57-8115	1-5/32"
49-57-8118	1-3/16"
49-57-8121	1-7/32"
49-57-8125	1-1/4"
49-57-8128	1-9/32"
49-57-8131	1-5/16"
49-57-8134	1-11/32"
49-57-8137	1-3/8"
49-57-8143	1-7/16"
49-57-8150	1-1/2"

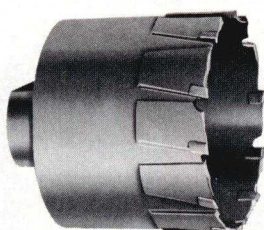
### SPECIFICATIONS

### STEEL HAWGS™ WITH SEPARATE ARBOR 2" Cutting Depth

SIZES 3/4" thru 6"

Recommended for use  
with MILWAUKEE Electromagnetic  
Drill Presses\*

\* See capacity recommendations  
as listed on page 38.

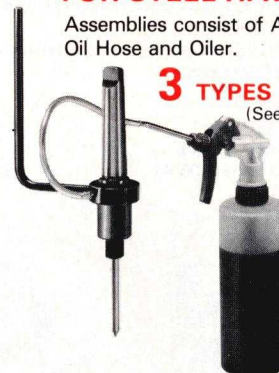


CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-0750	3/4"	49-57-3000	3"
49-57-0812	13/16"	49-57-3120	3-1/8"
49-57-0875	7/8"	49-57-3250	3-1/4"
49-57-0937	15/16"	49-57-3370	3-3/8"
49-57-1000	1"	49-57-3500	3-1/2"
49-57-1062	1-1/16"	49-57-3620	3-5/8"
49-57-1125	1-1/8"	49-57-3750	3-3/4"
49-57-1187	1-3/16"	49-57-3870	3-7/8"
49-57-1250	1-1/4"	49-57-4000	4"
49-57-1312	1-5/16"	49-57-4120	4-1/8"
49-57-1375	1-3/8"	49-57-4250	4-1/4"
49-57-1437	1-7/16"	49-57-4370	4-3/8"
49-57-1500	1-1/2"	49-57-4500	4-1/2"
49-57-1562	1-9/16"	49-57-4620	4-5/8"
49-57-1625	1-5/8"	49-57-4750	4-3/4"
49-57-1687	1-11/16"	49-57-5000	5"
49-57-1750	1-3/4"	49-57-5500	5-1/2"
49-57-1812	1-13/16"	49-57-6000	6"
49-57-1875	1-7/8"		
49-57-1937	1-15/16"		
49-57-2000	2"		
49-57-2060	2-1/16"		
49-57-2120	2-1/8"		
49-57-2250	2-1/4"		
49-57-2310	2-5/16"		
49-57-2370	2-3/8"		
49-57-2500	2-1/2"		
49-57-2560	2-9/16"		
49-57-2620	2-5/8"		
49-57-2750	2-3/4"		
49-57-2870	2-7/8"		

### ARBOR ASSEMBLIES FOR STEEL HAWG™ BITS

Assemblies consist of Arbor,  
Oil Hose and Oiler.

**3 TYPES AVAILABLE**  
(See below)



**NO. 2  
MORSE TAPER  
ARBOR ASSEMBLY**  
NO. 49-57-0020



**NO. 3  
MORSE  
TAPER  
ARBOR  
ASSEMBLY**  
NO. 49-57-0010

**3/4" SHANK  
ARBOR  
ASSEMBLY**  
NO. 49-57-0030



### ARBOR WRENCH SET NO. 49-96-0010

Necessary to disassemble  
arbor body.

### HAWG WASH™ NO. 49-32-0080

(SOLD ONLY IN CASE LOTS)  
NINE 16 OZ. BOTTLES  
PER CASE



Hawg Wash™ is a water soluble chemical fluid concentrate containing stable sulphur and chlorine additives. This product is designed for extreme pressure applications (tough alloys and severe operations) but is also excellent for general machining assignments. Hawg Wash™ is very efficient due to its combination of strong cooling and high lubricating characteristics. One 16 oz. bottle makes one gallon of solution. Proper mixing of concentrate requires mixing the concentrate into the water.





# HEAVY-DUTY VACUUM CLEANERS

## OUTSTANDING FEATURES

- **POSITIVE WATER SHUT-OFF**—On wet/dry machines protects motor from direct exposure to water.
- **HEAVY-DUTY FILTER SYSTEM**—For the roughest coarse materials to the finest dust.
- **USE AS BLOWER**—Switch hose from intake to exhaust, for cleaning inaccessible areas.

### NO. 8925

Stainless 16" Dia.  
BOTTOM DRAIN VALVE  
FOR EASY WATER REMOVAL



### NO. 8912

Steel 16" Dia.



### NO. 8917

Stainless 16" Dia.  
BOTTOM DRAIN VALVE  
FOR EASY WATER REMOVAL



### NO. 8911

Steel 16" Dia.



## VACUUM MOTOR DESIGN

Centrifugal blower produces high efficient vacuum and air flow. Models 8911, 8912, 8917, 8925, 8935, 8937, 8940 and 8945 have a two-stage bypass motor for wet/dry operation. The 8950 and 8955 have a one-stage bypass motor for wet/dry operation. They provide discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture.

## GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 vinyl covered hold-down clamps and 4-wheel caddie with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. GAL.	CAP. BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
8925	WET or DRY	15	2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	36"	53	73
8912	WET or DRY	9	1-1/2	STEEL	120	10	2-Stage Bypass Motor	110	105"	19"	32"	49	68
8917	WET or DRY	9	1-1/2	STAINLESS	120	10	2-Stage Bypass Motor	110	105"	19"	32"	52	70
8911	WET or DRY	9	1-1/2	STEEL	120	7	2-Stage Bypass Motor	92	85"	19"	32"	48	67

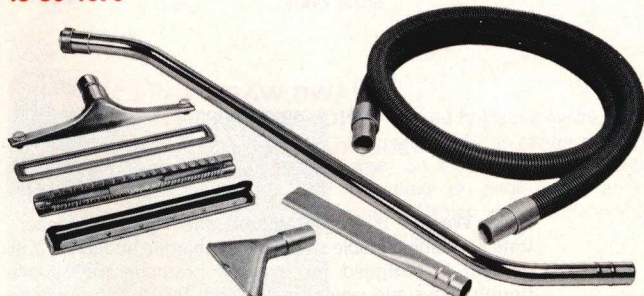
## STANDARD EQUIPMENT

FOR MODEL 8925  
FOR MODEL 8912  
FOR MODEL 8917  
FOR MODEL 8911

Three paper filter bags, cloth filter, gasket and wire frame assembly, wet pick-up conversion pan, swivel connector and canvas store-all tool bag.

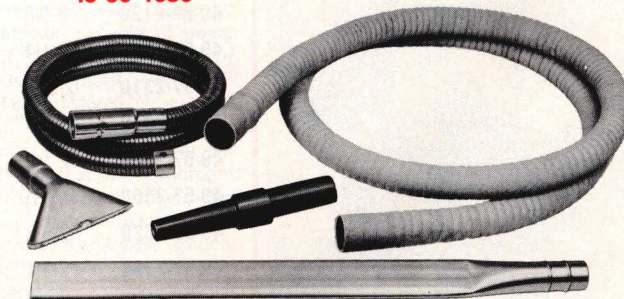
## VACUUM CLEANER ACCESSORIES

### WET AND DRY CLEANING KIT 49-90-1670



**WET AND DRY CLEANING KIT NO. 49-90-1670** A complete kit of accessories for the maintenance department. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0550, major floor tool; 49-90-0580 squeegee shoe; 49-90-0400, 15" crevice tool; 49-90-0600, 14" carpet insert; 49-90-0740, utility nozzle; 49-90-1000, double bend floor rod.

### FURNACE CLEANING KIT 49-90-1650



**FURNACE CLEANING KIT NO. 49-90-1650** All accessories needed for cleaning furnaces. Kit includes 1 each of the following: 49-90-0020, 10 ft. hose; 49-90-0080, 6 ft. metal hose; 49-90-0410, 27" crevice tool; 49-90-0460, rubber blower nozzle; 49-90-0740, utility nozzle.





# HEAVY-DUTY VACUUM CLEANERS

## VACUUM MOTOR DESIGN

Model 8931 has a straight-thru motor for dry pick-up. Filters remove dirt from air before reaching the motor. Filtered air is drawn from tank...directed over electrical motor parts for cool efficient operation.

SEE PAGES 42, 43, 44 FOR  
COMPLETE VACUUM ACCESSORIES,  
ALSO MOTOR HEADS AND  
DRUM ADAPTER ASSEMBLY

**NO. 8935**  
Steel 14" Dia.



**NO. 8931**  
Steel 14" Dia.



**NO. 8937**  
Stainless 14" Dia.  
BOTTOM DRAIN VALVE  
FOR EASY WATER REMOVAL



**NO. 8950**  
Steel 14" Dia.



**NO. 8955**  
Steel 14" Dia.



## WET/DRY VACUUM 121 CFM\*

\* Maximum Air Flow Cu.  
Ft./Min. with 1-1/2" Hose.

- POWERFUL
- LIGHTWEIGHT
- DUAL FILTERS
- EASY TO OPERATE

**VACUUM CLEANER  
DOLLY NO. 49-90-1150**  
For use with Model 8950 ONLY.

## GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 hold-down clamps and (Except for model 8950) caddy with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. GAL.	CAP. BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
8935	WET or DRY	4-1/2	3/4	STEEL	120	7	2-Stage Bypass Motor	92	85"	17"	28"	35	45
8931	DRY ONLY	—	1/2	STEEL	120	7	Straight-Thru Motor	95	87"	17"	25"	29	36
8937	WET or DRY	4-1/2	3/4	STAINLESS	120	7	2-Stage Bypass Motor	92	85"	17"	28"	36	46
8950	WET or DRY	8	7/8	STEEL	120 AC, 60 Hz	6	1-Stage Bypass Motor	121	50"	16-3/4"	22-1/2"	18	25
8955	WET or DRY	10	1-1/8	STEEL	120 AC, 60 Hz	6	1-Stage Bypass Motor	121	50"	19-1/2"	38-1/2"	32	44

## STANDARD EQUIPMENT

FOR MODEL 8935 — Three paper filter bags, wet pick-up pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.  
FOR MODEL 8931 — Three paper filter bags, cloth filter, gasket, wire frame assembly, swivel connector and hose carrier.  
FOR MODEL 8937 — Three paper filter bags, wet pick-up conversion pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.  
FOR MODEL 8950 — 7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly and foam filter sleeve.  
FOR MODEL 8955 — 7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly, foam filter sleeve and 3 wheel dolly.

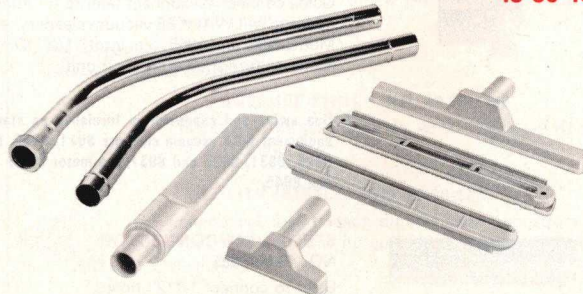
FOR CURRENT MODELS, ALSO FOR PREVIOUS MODELS 8910, 8915, 8916, 8921, 8930

## AUTOMOTIVE KIT 49-90-1660



**AUTOMOTIVE KIT NO. 49-90-1660** A kit especially designed for garages doing automotive work. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0400, 15" crevice tool; 49-90-0740, utility nozzle.

## VACUUM ACCESSORY KIT 49-90-1800



**VACUUM ACCESSORY KIT NO. 49-90-1800** Accessories for general cleanup applications. Kit consists of 1 each of the following: 49-90-1765, wand; 49-90-1770, crevice tool; 49-90-1775, 6" nozzle; 49-90-1785, 14" squeegee shoe; 49-90-1790, 14" rug shoe; 49-90-1780, master nozzle.





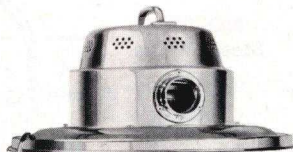
# HEAVY-DUTY VACUUM CLEANER ACCESSORIES

## MOTOR HEADS AND DRUM ADAPTER ASSEMBLY



### ① MOTOR HEAD ONLY NO. 8940

The same powerful Motor Head as furnished with Model 8911 with 30' of cord. Requires use of 16" dia. Conversion Pan for wet pickup. Wire Frame Filter Cage, Cloth Filter and Gasket assembly and 16" Dacron Filter Bag required for dry pickup. Order these and all other accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 14 lbs., Shipping weight 15 lbs.



### MOTOR HEAD ONLY NO. 8945

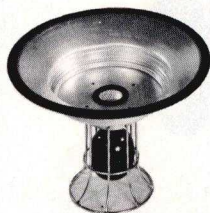
More powerful motor head adapts to all 16" diameter, 9 gallon units and larger for extra-duty applications. Same as furnished with models 8912, 8917 and 8925. Maximum air flow is 110 Cu. Ft./Min. with sealed suction water lift of 105". Unit comes with a 30' cord and requires the use of 16" diameter conversion pan for wet pickup. Wire frame filter cage, cloth filter, and gasket assembly and 16" dacron filter bag required for dry pickup. Order these and all accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 15 lbs., Shipping weight 17 lbs.

### ② DRUM ADAPTER NO. 49-90-1590

Fits your 55 gal. drum. Gasket secures tightly to drum when vacuum is in operation. Adaptable to Motor Head 8940 and 8945 and those on Nos. 8911, 8912, 8917, previous models 8916, 8921 and 8925. Use 16" dia. accessories. Net weight 10 lbs., Shipping weight 11 lbs.

### ③ DOLLY NO. 49-90-1100

For 55 gal. drum. Sturdy steel construction with 4 wheels and long hinged handle. Drum easily tips off or on. Net weight 43 lbs., Shipping weight 45 lbs.



**16" DIA. CONVERSION PAN**  
REQUIRED FOR  
WET PICK-UP  
NO. 49-90-1610



**16" DIA. WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY**

REQUIRED FOR  
DRY PICK-UP  
NO. 49-90-0270  
WIRE FRAME FILTER CAGE 16 DIA.  
NO. 49-90-0260  
CLOTH FILTER AND GASKET 16 DIA.



**DACRON FILTER**  
REQUIRED FOR  
DRY PICK-UP  
NO. 49-90-0320  
Fits over 16" Dia.  
Cloth Filter  
Assembly

## VACUUM HOSES — CONNECTORS — ACCESSORIES



**CANVAS HOSE 10'**  
NO. 49-90-0020

Canvas covered, wire reinforced, rubber lined vacuum hose, 1-1/2" ID. Two straight molded cuff ends. Order swivel-end connector separately. \*



**BLACK CANVAS HOSE 10'**  
NO. 49-90-0030

Canvas covered, wire reinforced, rubber lined vacuum hose. Strong resilient, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately. \*

**BLACK NEOPRENE HOSE**  
NO. 49-90-0040 15'  
NO. 49-90-0050 25'

Neoprene lined, oil resistant, wire reinforced, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately. \*

**SWIVEL-END CONNECTOR \***  
NO. 49-90-0150

Quick connect/disconnect feature for attaching hoses to MILWAUKEE vacuum cleaners, except Model 8950 and 8955. Fits into 1-1/2" ID hoses. Same as furnished with each unit.



\* One swivel-end connector is furnished as standard equipment with vacuum cleaners 8911, 8912, 8917, 8925, 8931, 8935 and 8937 and motor heads 8940 and 8945.

**STEEL HOSE CONNECTOR**  
NO. 49-90-0195  
Used to connect 1-1/2" hoses.



**HOSE ADAPTER**  
NO. 49-90-0155

Adapts 1-1/2" ID hose to Model 8950 and 8955. Same as furnished with each unit.



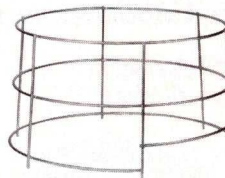
**WIRELESS VINYL HOSE**  
NO. 49-90-0090 7'  
NO. 49-90-0060 10'  
NO. 49-90-0070 25'

Crushproof multi-flex hose with no wire reinforcement. 1-1/2" ID with two molded cuff ends. Order swivel-end connector or hose adapter separately. \*



**METAL HOSE 6'**  
NO. 49-90-0080

For cleaning boiler tubes and furnaces. 1-1/4" OD fits into standard 1-1/2" ID hoses.



**HOSE CARRIER**  
NO. 49-90-0170 FOR 14" TANKS  
NO. 49-90-0180 FOR 16" TANKS

Ideal for neat safe storage of vacuum hoses. Makes moving from one location to another easier.



**CANVAS STORE-ALL TOOL POUCH**  
NO. 49-90-0250

For Models 8911, 8912, 8917 and 8921. Strong durable vinyl covered canvas pouch... makes toting extra tools easy.





# HEAVY-DUTY VACUUM CLEANER ACCESSORIES

## DOUBLE BEND FLOOR WAND NO. 49-90-1000



Built-in swivel connection adapts to 1-1/2" I.D. hose, with compression fitting that accommodates all floor tools. Made of chrome-plated steel.

## MAJOR FLOOR TOOL NO. 49-90-0550

Major Floor Tool with two "quick turn" thumb screws for quick tool changing. Accommodates interchangeable 14" and 20" inserts and replacements. Supplied with 49-90-0610 bumper.



## 14" REPLACEMENT BUMPER FOR MAJOR FLOOR TOOL NO. 49-90-0610



## 14" BRISTLE SHOD SHOE NO. 49-90-0560

## 20" BRISTLE SHOD SHOE NO. 49-90-1750

For Major Floor Tool. For rough floors, large wall and ceiling areas.



## 14" REPLACEMENT BRUSH STRIPS (2) NO. 49-90-0630 20" REPLACEMENT BRUSH STRIPS (2) NO. 49-90-1751



## 14" SQUEEGEE SHOE NO. 49-90-0580 20" SQUEEGEE SHOE NO. 49-90-1720

Use with Major Floor Tool. For fast drying of washed floors.

## 14" REPLACEMENT SQUEEGEE BLADES (4) NO. 49-90-0640 20" REPLACEMENT SQUEEGEE BLADES (4) NO. 49-90-1721



## 14" CARPET INSERT NO. 49-90-0600 20" CARPET INSERT NO. 49-90-1710

For Major Floor Tool. Bottom plate perfectly designed for cleaning rugs, carpeting.



## 14" FABRIC SHOD ATTACHMENT SHOE NO. 49-90-0570

## 20" FABRIC SHOD ATTACHMENT SHOE NO. 49-90-1730

Use with Major Floor Tool. Suited for cleaning cement and concrete floors.

## 14" REPLACEMENT FABRIC STRIPS (2) NO. 49-90-0620 20" REPLACEMENT FABRIC STRIPS (2) NO. 49-90-1731

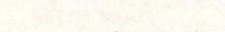


## 14" FELT SHOD ATTACHMENT SHOE NO. 49-90-0590

## 20" FELT SHOD ATTACHMENT SHOE NO. 49-90-1740

Use with Major Floor Tool. For walls and smooth hard floors such as tile, hardwood.

## 14" REPLACEMENT FELT BLADES (2) NO. 49-90-0650 20" REPLACEMENT FELT BLADES (2) NO. 49-90-1741



## SHAG RUG ATTACHMENT NO. 49-90-0800

Fits on Double Bend Wand No. 49-90-1000. Effective deep cleaning of shag rug pile.



## WIDE MOUTH GULPER NO. 49-90-0540

Ideal for use on bare floors or rugs. 12" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



## NYLON BRISTLE BRUSH NO. 49-90-0760

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



## HORSE HAIR BRUSH NO. 49-90-0750

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

## NYLON BRISTLE BRUSH INSERT REPLACEMENT NO. 49-90-0710



## HORSE HAIR BRUSH INSERT REPLACEMENT NO. 49-90-0700

## PLASTIC BUMPER NO. 49-90-0720

Replacement for horse hair and nylon bristle brushes.

## NOTE: ACCESSORIES LISTED BELOW FIT ONLY TWO PIECE FLOOR WAND OR FIT DIRECTLY ON 1-1/2" I.D. HOSE

## TWO PIECE DOUBLE BEND FLOOR WAND NO. 49-90-1765



Two piece construction for easy storage. Adapts to all MILWAUKEE 1-1/2" I.D. hose. Compression fit connector accommodates Master Nozzle No. 49-90-1780, 6" Utility Nozzle No. 49-90-1775 and Crevice Tool No. 49-90-1770. Made of chrome-plated steel.



## 14" MASTER NOZZLE NO. 49-90-1780

Economical, high impact, durable plastic construction. Master Nozzle with snap lock feature for use with rug shoe and squeegee shoe listed below.



## 14" RUG SHOE NO. 49-90-1790

For use with Master Nozzle No. 49-90-1780. Ideal for cleaning rugs and carpets.



## 14" SQUEEGEE SHOE NO. 49-90-1785

For use with Master Nozzle No. 49-90-1780. For fast drying of wet floors.



## 6" UTILITY NOZZLE NO. 49-90-1775

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.



## CREVICE TOOL NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.





# HEAVY-DUTY VACUUM CLEANER ACCESSORIES

**NOTE: 20" EXTENSION RECOMMENDED FOR USE WITH UTILITY NOZZLE AND ROUND DUST BRUSH. (UTILITY NOZZLE AND ROUND DUST BRUSH MAY ALSO BE CONNECTED DIRECTLY TO ANY 1-1/2" I.D. HOSE.)**

## ALUMINUM 6" UTILITY NOZZLE NO. 49-90-0740

Taper fit utility and upholstery nozzle. Fits 1-1/2" I.D. hose. 6" cleaning path.

## CLAMP-ON NYLON BRISTLE BRUSH WITH BUMPER NO. 49-90-0480

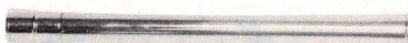
Attach directly to utility nozzle.

## REPLACEMENT NYLON BRISTLE BRUSH INSERT NO. 49-90-0680

For nylon bristle brush with bumper No. 49-90-0480.

## REPLACEMENT BUMPER NO. 49-90-0690

For nylon bristle brush.



20" EXTENSION NO. 49-90-0510



20" extension with built-in hose end swivel. Used with utility nozzle (49-90-0740) for automotive cleaning. Also desirable when short extension is needed for dust brush attachments (49-90-0730).

## 3" ROUND DUST BRUSH NO. 49-90-0730

3" round dust brush with nylon bristles. Fits 1-1/2" I.D. hose.

## REPLACEMENT BRUSH INSERT NO. 49-90-0660

Replacement for round dust brush.

## REPLACEMENT BUMPER NO. 49-90-0670

For round dust brush.

## FILTERS, FILTER CAGES CONVERSION PANS FOR VACUUM CLEANER NOS. 8911, 8912, 8917, 8925, 8931, 8935 and 8937 ONLY



## WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY

Available for both 14" and 16" dia. tanks. The filter assembly acts as a final filter for air leaving tank. To achieve the best possible results, the cloth filter gasket and wire frame must be maintained. Any wear holes or gasket leaks will allow dust and debris to blow through exhaust ports.

### NO. 49-90-0290

Wire Frame Filter Cage 14" Dia.

### NO. 49-90-0270

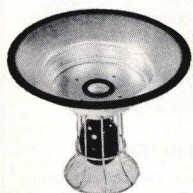
Wire Frame Filter Cage 16" Dia.

### NO. 49-90-0280

Cloth Filter and Gasket 14" Dia.

### NO. 49-90-0260

Cloth Filter and Gasket 16" Dia.



## WET PICK-UP CONVERSION PANS \*

### NO. 49-90-1620

Wet Pick-Up Conversion Pan 14" Dia. (Standard on Model 8935, 8937)

### NO. 49-90-1610

Wet Pick-Up Conversion Pan 16" Dia. (Standard on Models 8911, 8912, 8917 and 8925)

\* NOT FOR USE ON MODEL NO. 8931 OR PREVIOUS MODEL NO. 8921.



## DISPOSABLE PAPER FILTER BAGS

Flame-resistant paper filter bags.

### NO. 49-90-0311 (5 pack)

FOR 14" DIA. VACUUM CLEANER

### NO. 49-90-0301 (5 pack)

FOR 16" DIA. VACUUM CLEANER

### NO. 49-90-0350 (5 pack)

FOR 16" DIA. VACUUM CLEANER NO. 8925 ONLY.



## DISPOSABLE PAPER FILTER BAGS NO. 49-90-0331 (5 pack)

Fits all 14" and 16" Vacuum Cleaners, quick and easy to install on vacuum tank. Ideally suited for use when vacuuming extremely fine dust directly into vacuum tank.



## DACRON FILTER NO. 49-90-0320

Fits 14" and 16" dia. tanks. The dacron bag is suited for pick-up of medium fine dust as well as coarse sharp material. To be used without paper filter bags. Fits over cloth filter assembly.



## 27" METAL CREVICE TOOL NO. 49-90-0410

For cleaning behind radiators, other hard to reach corners and crevices.



## 15" METAL CREVICE TOOL NO. 49-90-0400

Fits 1-1/2" I.D. hose

## DURABLE PLASTIC CREVICE TOOL NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.



## DURABLE PLASTIC 6" UTILITY NOZZLE NO. 49-90-1775

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.



## RUBBER BLOWER NOZZLE NO. 49-90-0460

For blowing dust and dirt out of cracks and inaccessible areas. Excellent for machinery.

## FILTERS FOR VACUUM CLEANER NOS. 8950, 8955 ONLY



## CLOTH FILTER ASSEMBLY NO. 49-90-0285

For 8950 and 8955



## FOAM FILTER SLEEVE NO. 49-90-0770

Motor Filter for 8950 and 8955





# HEAVY-DUTY HAMMER-DRILLS

## SINGLE SPEED MODELS AND TRIGGER SPEED CONTROL MODELS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD AND METAL

- COMPACT ● LIGHTWEIGHT
- IDEAL FOR OVERHEAD DRILLING
- 3/8" CHUCK CAPACITY
- ALL BALL AND ROLLER BEARINGS



SINGLE  
SPEED  
MODELS

**5390**

**5395 (KIT)**

TRIGGER  
SPEED CONTROL  
MODELS

**5392**

**5397 (KIT)**

### EXCLUSIVE

Lockable slide-shift action of fluted collar for fast, easy change from hammering with rotation to rotation only. Shift forward and turn in either direction to lock for drilling wood or metal. Return to center and retract for percussion drilling in concrete or masonry.

Rubber dust shield over chuck in front of fluted collar protects against harmful abrasive dust.

Depth gauge quickly adjusts to any drilling depth required for anchors.

Side handle for ease in handling...removable for close quarter work.

Designed for fast percussion drilling in concrete or masonry and high speed drilling without hammering in wood or metal. When hammer-drilling, light pressure against work engages mechanism. Hammer action stops when not under load...prevents damage when idling.

### ACCESSORIES

- NO. 49-62-0090 RUBBER DUST SHIELD  
NO. 48-66-4040 RUBBER-FLEX KEY HOLDER  
NO. 49-08-0500 1/2 LB. CAN "A" GREASE For Gears  
NO. 49-08-0800 1 LB. CAN "A" GREASE For Gears  
NO. 49-08-0150 3 OZ. LUBRICANT FOR MECHANISM

### STEEL CARRYING CASE

As furnished with kits.

When ordering separately use  
No. 48-55-0710



## SPECIFICATIONS

SPECIFICATIONS						CAPACITIES			SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
						WITH TWIST BITS WITH PERCUSSION BITS								
						IN STEEL	IN WOOD	IN CONCRETE OR MASONRY						
CATALOG NUMBER	VOLTS	AMPS	SPEED	NO LOAD RPM	BLOWS PER MIN.									
5390★	120 AC	4.5	Single Speed	2,500	50,000	1/4"	1/2"	11/64" to 9/16"	3/8"-24	48-66-0810	48-66-3240	11	4-1/2	7
5395 Kit	120 AC	4.5	Single Speed	2,500	50,000	1/4"	1/2"	11/64" to 9/16"	3/8"-24	48-66-0810	48-66-3240	11	4-1/2	15
5392	120 AC Only	4.5	Speed Control	0-2,500	0-50,000	1/4"	1/2"	11/64" to 9/16"	3/8"-24	48-66-0810	48-66-3240	11	4-1/2	7
5397 Kit	120 AC Only	4.5	Speed Control	0-2,500	0-50,000	1/4"	1/2"	11/64" to 9/16"	3/8"-24	48-66-0810	48-66-3240	11	4-1/2	15

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

### STANDARD EQUIPMENT

FOR NOS. 5390 and 5392 — Includes Hammer-Drill, depth gauge, removable side handle, rubber dust shield, special 3/8" industrial, geared, key-type chuck and chuck key with holder.  
FOR NOS. 5395 and 5397 — Same as 5390 and 5392. Also includes 3/16" × 3", 1/4" × 4", 3/8" × 4" and 1/2" × 6" percussion carbide-tip bits and steel carrying case.

## PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry



These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.	BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	48-20-6170	11/64	3	3/8	48-20-6382	5/16	13-1/2
3/16	48-20-6180	3/16	3	7/16	48-20-6440	3/8	6
7/32	48-20-6220	3/16	3	15/32	48-20-6470	3/8	6
1/4	48-20-6250	1/4	4	1/2	48-20-6500	3/8	6
1/4	48-20-6251	1/4	6	1/2	48-20-6501	3/8	13-1/2
9/32	48-20-6280	17/64	4	9/16	48-20-6560	3/8	6
5/16	48-20-6310	17/64	4				
5/16	48-20-6311	17/64	6				
3/8	48-20-6380	5/16	4				
3/8	48-20-6381	5/16	6				





# HEAVY-DUTY MAGNUM® HAMMER-DRILLS

## TRIGGER SPEED CONTROL MODELS WITH QUIK-LOK CORD SETS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

### 5370-1

### 5371-1 (KIT)

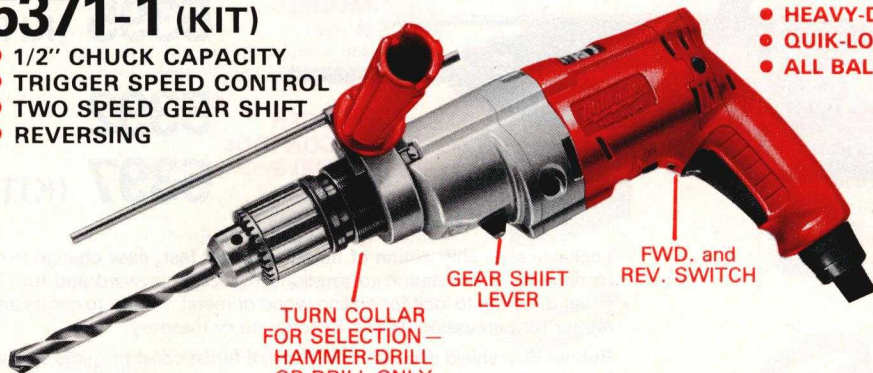
- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- TWO SPEED GEAR SHIFT
- REVERSING

#### EXCLUSIVE MAGNUM® FEATURES

- REMOVABLE BRUSH CARTRIDGE SYSTEM
- SELF-STOPPING BRUSHES
- STORAGE FOR EXTRA CARBONS — BRUSH HOLDER SCREW
- HEAVY-DUTY INDUSTRIAL CHUCK
- QUIK-LOK CORD SETS
- ALL BALL AND ROLLER BEARINGS

#### • DRIVE CONCRETE SCREW FASTENERS

No. 5370-1 Rev. speeds up installation work when used with concrete screw fastening systems. The tool drills the hole and drives the screw. Simply drill the pilot hole, slide the drive unit over the bit and drive the screw into the hole. There is no need to remove the bit or adjust the drill. Concrete screw fasteners can be used to fasten a variety of materials and fixtures to concrete including wood and metal, electrical boxes, light fixtures, duct straps and window frames.



### SPECIFICATIONS

ON DIAL ONLY

REPLACEMENT CHUCK KEY NO. 48-66-3280

(CHUCK KEY INCLUDED)

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES							SPINDLE DIAMETER AND THREAD	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)	
						WOOD					STEEL	CONCRETE					
						FLAT BORING BIT	AUGER BIT	SHIP AUGER BIT	SELFED BIT	HOLE SAW		TWIST DRILL					CARBIDE TIP BIT
5370-1 REV.	120	4.5	Low	0-1,000	0-20,000	1-1/2"	7/8"	7/8"	1-1/8"	3-1/4"	1/2"	5/8"	1/4"	1/2"-20	13	5-3/4	7-1/4
			High	0-3,600	0-72,000	SET GEAR SHIFT TO LOW SPEED SETTING WHEN BORING HOLES IN WOOD					—	3/8"	—				

REPLACEMENT CHUCK NO. 48-66-1360 (CHUCK KEY INCLUDED)

REPLACEMENT CHUCK KEY NO. 48-66-3280

5371-1 REV. Kit

Same as 5370-1 but with steel carrying case and bits

15-1/4

"REV." after Catalog Number indicates reversing motor.

#### STANDARD EQUIPMENT

FOR NO. 5370-1 REV. — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5371-1 REV. — Same as 5370-1 REV. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0735.

### 5372

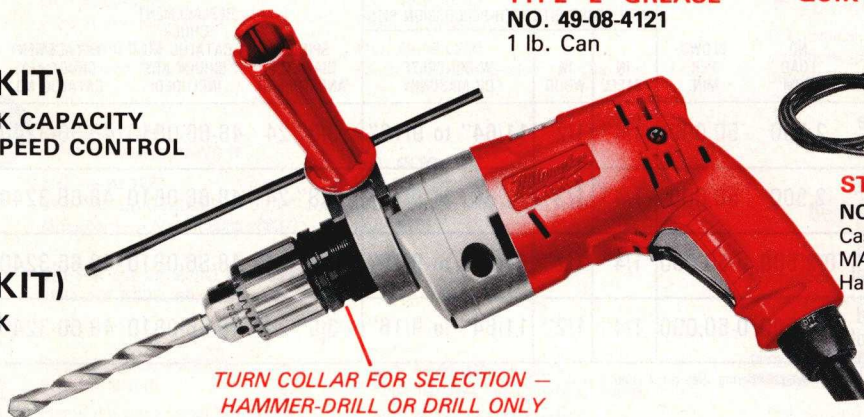
### 5373 (KIT)

- 3/8" CHUCK CAPACITY
- TRIGGER SPEED CONTROL

### 5374

### 5375 (KIT)

- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL



TYPE "E" GREASE  
NO. 49-08-4121  
1 lb. Can

#### QUIK-LOK CORD SETS



DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	NO. 48-76-3008
25' QUIK-LOK	NO. 48-76-3025
50' QUIK-LOK	NO. 48-76-3050

#### STEEL CARRYING CASE

NO. 48-55-0735

Case only for all MAGNUM® Hammer-Drills.



### SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES			SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
						WOOD	STEEL	CONCRETE						
5372	120	4.5	Speed Control	0-3,500	0-70,000	5/8"	1/4"	3/8"	3/8"-24	48-66-0800	48-66-3080	11-1/4	5	6-1/4
5373 Kit						5/8"	1/4"	3/8"	3/8"-24	48-66-0800	48-66-3080	11-1/4	5	14-1/4
5374	120	4.5	Speed Control	0-2,500	0-50,000	3/4"	3/8"	9/16"	1/2"-20	48-66-1280	48-66-3280	11-1/2	5-1/4	6-1/2
5375 Kit						3/4"	3/8"	9/16"	1/2"-20	48-66-1280	48-66-3280	11-1/2	5-1/4	14-1/2

#### STANDARD EQUIPMENT

FOR NO. 5372 — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5373 — Same as above. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6251, 1/4"; No. 48-20-6380, 3/8" and steel carrying case No. 48-55-0735.

FOR NO. 5374 — Same as 5372.

FOR NO. 5375 — Same as 5372. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE BIT DRILLING IN CONCRETE AND MASONRY  
AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

**2 WAY ACTION** • HAMMERING WITH ROTATION • ROTATION ONLY

NO HOURLY OR DAILY OILING —  
GREASE PERIODICALLY  
DEPENDING ON AMOUNT  
OF USE

- HAMMER-DRILL UP TO 7/8" HOLES IN CONCRETE OR MASONRY
- DRILL WOOD — STEEL LARGE CAPACITIES, HIGH TORQUE
- ADJUSTABLE SIDE HANDLE FOR MAXIMUM CONTROL
- DEPTH ROD EASILY ADJUSTED BY LOOSENING SIDE HANDLE
- ALL BALL AND ROLLER BEARINGS



• TURN COLLAR FOR SELECTION — HAMMER-DRILL OR DRILL ONLY



## DOUBLE INSULATED MODELS

**5388**

**5389 (KIT)**

## GROUNDING MODELS

**5398**

**5399 (KIT)**

Kits contain Hammer-Drill plus Depth Rod, Side Handle, Chuck Key and Steel Carrying Case.

STEEL CARRYING CASE ONLY  
NO. 48-55-1510

TYPE "A" GREASE  
NO. 49-08-0500 1/2 lb. can  
NO. 49-08-0800 1 lb. can

SPECIAL LUBRICANT NO. 49-08-0150  
For mechanism — 3 oz. tube.

## SPECIFICATIONS

### 1/2" CHUCK CAPACITY

1/2" CHUCK CAPACITY

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	CAPACITIES									LENGTH	NET WEIGHT LBS.	SHIPPING WEIGHT LBS.
					DRILL ONLY						HAMMER					
					WOOD					STEEL	MASONRY					
					FLAT BORING BITS	HOLE SAW	AUGER BITS	SHIP AUGER BITS	SELF FEED BITS	TWIST DRILL	CARBIDE TIP BIT					
SOFT	HARD															
5388★●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9	
5389 KIT●	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18	
5398	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9	
5399 KIT	120	6.2	19,000	950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18	

STANDARD EQUIPMENT: Depth Rod, Side Handle and Chuck Key No. 48-66-3280.

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

● Double Insulated.

## PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry



These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.	BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	48-20-6170	11/64	3	3/8	48-20-6382	5/16	13-1/2
3/16	48-20-6180	3/16	3	7/16	48-20-6440	3/8	6
7/32	48-20-6220	3/16	3	15/32	48-20-6470	3/8	6
1/4	48-20-6250	1/4	4	1/2	48-20-6500	3/8	6
1/4	48-20-6251	1/4	6	1/2	48-20-6501	3/8	13-1/2
9/32	48-20-6280	17/64	4	9/16	48-20-6560	3/8	6
5/16	48-20-6310	17/64	4	5/8	48-20-6620	1/2	6
5/16	48-20-6311	17/64	6	11/16	48-20-6690	1/2	6
3/8	48-20-6380	5/16	4	3/4	48-20-6750	1/2	6
3/8	48-20-6381	5/16	6	7/8	48-20-6880	1/2	6





# HEAVY-DUTY 3/4" ROTARY HAMMER

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY

**3 WAY ACTION • HAMMERING WITH ROTATION • HAMMERING ACTION ONLY\* • ROTATION ONLY**

\*Order accessories separately for hammering action only.

## GROUNDING MODELS

**5351 (KIT)**

**5357 (KIT)**

STEEL CARRYING CASE  
FURNISHED WITH  
BOTH MODELS



STEEL CARRYING CASE ONLY  
NO. 48-55-1520

**NO HOURLY OR DAILY OILING —  
GREASE PERIODICALLY . . .  
DEPENDING ON AMOUNT OF USE**

- "A" TAPER BITS FIT DIRECTLY INTO NOSE
- SIDE HANDLE USED ON EITHER SIDE
- ALL BALL AND ROLLER BEARING

## SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
<b>5351★</b>	7/8"	120	6.2	2500	1000	18-3/8	10	21
<b>5357</b>	7/8"	120	6.2	2500	1000	18-3/8	10	22

★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.

### NO. 5351 ROTARY HAMMER KIT

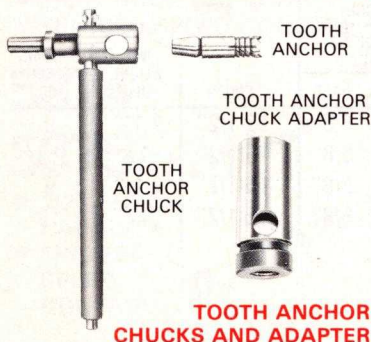
Includes 3/4" Rotary Hammer with "A" taper adapter, drift key, auxiliary side handle, depth gauge, dust shield, 3 oz. tube of lubricant for mechanism and steel carrying case.

### NO. 5357 ROTARY HAMMER KIT

Same as above. Also includes six "A" taper bits 1/4" x 4", 3/8" x 4-1/2", 7/16" x 4-1/2", 1/2" x 4-1/2", 9/16" x 5" and 5/8" x 5".

## ACCESSORIES

### HAMMERING ACTION ONLY



**TOOTH ANCHOR  
CHUCKS AND ADAPTER**

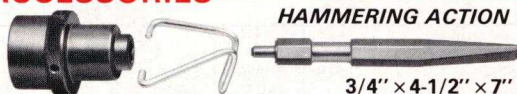
Round shank for hammering action only — manual rotation.

NO. 48-66-6720 For Bolt Size { 1/4" 3/16" 3/8" } Anchor { 7/16" O.D. 9/16" }

**CHUCK ADAPTER** For tooth anchor chucks  
NO. 48-03-3615

NO. 48-86-0100 DRIFT PIN  
NO. 49-68-0075 RETAINING SPRING

**TOOTH ANCHOR CHUCK KIT**  
NO. 49-22-2050 Includes all items listed above.



3/4" x 4-1/2" x 7"

**CHISEL AND CHISEL ADAPTER** Adapter permits hammering action only for chiseling applications.

NO. 48-03-3620 CHISEL ADAPTER Fastens to nose of tool.

NO. 48-62-0300 CHISEL Use retaining spring NO. 49-68-0075.

NO. 49-68-0075 RETAINING SPRING

**1/2" INDUSTRIAL CHUCK AND ADAPTER** Not recommended for hammering applications. Use with rotation only.  
NO. 48-03-3590 CHUCK ADAPTER "A" taper shank. 1/2"-20 threaded end.

NO. 48-66-1280 1/2" CHUCK — Chuck Key included.



"A" TAPER ADAPTER



DUST SHIELD

### MISCELLANEOUS ACCESSORIES

- 48-03-3610 • "A" Taper Bit Adapter
- 48-86-0050 • Drift Key for above
- 49-96-0080 • Socket Wrench for Depth Gauge
- 49-62-0080 • Dust Shield
- 49-08-0150 • 3 oz. Lubricant for Mechanism
- 48-55-1520 • Steel Carrying Case
- 49-68-0075 • Retaining Spring
- 49-08-0500 • 1/2 Lb. Can "A" Grease for Gears
- 49-08-0800 • 1 Lb. Can "A" Grease for Gears
- Same as furnished with tool.



### FAST SPIRAL "A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3181	4	2
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3

### "A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3180	4	2
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3





# HEAVY-DUTY 1-1/4" ROTARY HAMMER

4" DIA. CAPACITY IN CONCRETE/MASONRY  
WITH PERCUSSION CORE BITS

**NEW**

**NEW FAST, LIGHTWEIGHT, POWERFUL U.S.-1 ROTARY HAMMER**  
DELIVERS MAXIMUM RESULTS WITH MINIMAL USER EFFORT!  
HEAVY-DUTY FOR CONTINUOUS USE. IDEAL FOR CLOSE  
CORNER AND OVERHEAD APPLICATIONS.

**5343**

WITH STEEL  
CARRYING CASE

- **ALL BALL AND ROLLER BEARINGS**
- **HEAVY-DUTY AC-DC SEALED SWITCH**  
Two Finger Capacity.
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**
- **EXTRA STRENGTH FLEXIBLE CORD** With rugged separate strain relief.
- **ELECTRO-PNEUMATIC HAMMER MECHANISM** Delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of the tool.
- **NO HOURLY OR DAILY OILING REQUIRED**
- **COMPACT MOTOR HOUSING** Designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- **LONG-LIFE SELF CONTAINED SLIP CLUTCH** If a bit should bind, the clutch will slip, stopping all rotary action until the bit is free.
- **INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD** Inside of the tool and also extends over nose for greater protection against harmful dust.
- **EPOXY-COATED FIELD** Provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.



- **DEPTH ROD** For drilling holes to a preset depth.
- **SIDE HANDLE** Is fully adjustable and can be rotated 360 degrees.
- **BIT LOCK** Is designed for fast bit replacement.



**STEEL CARRYING  
CASE ONLY  
NO. 48-55-0580**

## SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5343	1-1/4"	120	8	3150	600	17-1/4	13	21

**STANDARD EQUIPMENT:** 5343 Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.

## NEW SPLINE SHANK BITS



MILWAUKEE **U.S.-1** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.

## NEW HAMMER TOOLS



MILWAUKEE Hammer Irons have smooth surfaced round shanks that are smaller than spline shanks. The hammer irons fit directly into the nose of the tool. Hex shank prevents rotation, milled flat locks tool in place.

**SEE FOLLOWING PAGE 50  
FOR U.S.-1 ROTARY HAMMER  
WITH STOP-ROTATION  
ACCESSORIES ON PAGE 51**

**TYPE "H" GREASE**  
1 lb. can  
**NO. 49-08-4150**



**Milwaukee**

# HEAVY-DUTY 1-1/2" ROTARY HAMMER with STOP-ROTATION

6" DIA. CAPACITY IN CONCRETE/MASONRY  
WITH PERCUSSION CORE BITS

**NEW**

**5347**

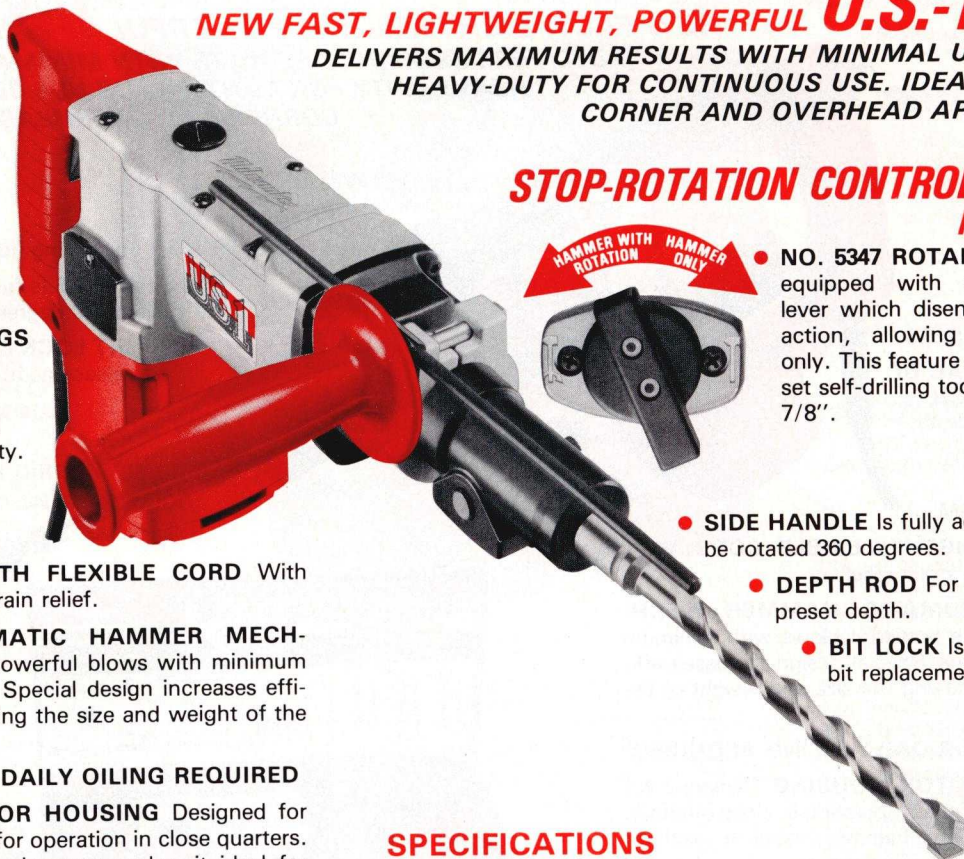
WITH STEEL  
CARRYING CASE

**NEW FAST, LIGHTWEIGHT, POWERFUL U.S.-1 ROTARY HAMMER**

DELIVERS MAXIMUM RESULTS WITH MINIMAL USER EFFORT!  
HEAVY-DUTY FOR CONTINUOUS USE. IDEAL FOR CLOSE  
CORNER AND OVERHEAD APPLICATIONS.

**STOP-ROTATION CONTROL** available on  
**NO. 5347 only**

- ALL BALL AND ROLLER BEARINGS
- HEAVY-DUTY AC-DC SEALED SWITCH Two Finger Capacity.
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- EXTRA STRENGTH FLEXIBLE CORD With rugged separate strain relief.
- ELECTRO-PNEUMATIC HAMMER MECHANISM Delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of the tool.
- NO HOURLY OR DAILY OILING REQUIRED
- COMPACT MOTOR HOUSING Designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- LONG-LIFE SELF CONTAINED SLIP CLUTCH If a bit should bind, the clutch will slip, stopping all rotary action until the bit is free.
- INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD Inside of the tool and also extends over nose for greater protection against harmful dust.
- EPOXY-COATED FIELD Provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.



- NO. 5347 ROTARY HAMMER is equipped with a Stop-Rotation lever which disengages the rotary action, allowing hammer action only. This feature allows the tool to set self-drilling tooth anchors up to 7/8".

- SIDE HANDLE Is fully adjustable and can be rotated 360 degrees.

- DEPTH ROD For drilling holes to a preset depth.

- BIT LOCK Is designed for fast bit replacement.

## SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5347	1-1/2"	120	8.5	3150	500	17-1/4	13-1/2	21-1/2

STANDARD EQUIPMENT: 5347 Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.

## NEW SPLINE SHANK BITS



MILWAUKEE **U.S.-1** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.

## NEW HAMMER TOOLS



MILWAUKEE Hammer Irons have smooth surfaced round shanks that are smaller than spline shanks. The hammer irons fit directly into the nose of the tool. Hex shank prevents rotation, milled flat locks tool in place.



STEEL CARRYING CASE ONLY  
NO. 48-55-0580

TYPE "H" GREASE  
1 lb. can  
NO. 49-08-4150





# HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5343 AND 5347

## PERCUSSION CARBIDE TIPPED BITS

### NEW ONE PIECE WITH SPLINED SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/8	48-20-4037	10	4
1/2	48-20-4050	10	4
1/2	48-20-4051	16	10
1/2	48-20-4052	22	16
9/16	48-20-4056	10	4
5/8	48-20-4062	10	4
5/8	48-20-4063	16	10
5/8	48-20-4064	22	16
11/16	48-20-4068	16	10
3/4	48-20-4075	10	4
3/4	48-20-4076	16	10
3/4	48-20-4078	22	16
13/16	48-20-4081	16	10
7/8	48-20-4087	16	10
7/8	48-20-4088	22	16
1	48-20-4100	16	10
1	48-20-4101	22	16
1-1/8	48-20-4112	16	10
1-1/8	48-20-4113	22	16
1-1/4	48-20-4125	16	10
1-1/4	48-20-4126	22	16
1-3/8	48-20-4137	16	10
1-3/8	48-20-4138	22	16
1-1/2	48-20-4150	16	10
1-1/2	48-20-4151	22	16

### FAST SPIRAL "A" TAPER BITS

USE "A" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3

RED CATALOG NOS. ARE NOT RECOMMENDED  
FOR USE WITH MODEL 5343.

### "A" TAPER BITS

USE "A" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3

### "B" TAPER BITS

USE "B" TAPER CHUCKS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4
7/8	48-20-3870	9	6-3/4
1	48-20-3100	9	6-3/4

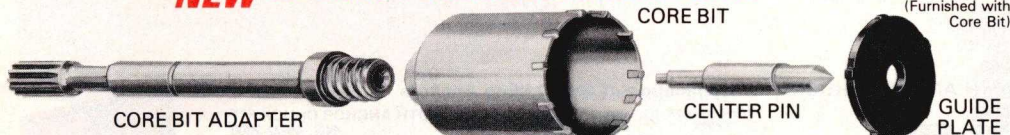


**"A" TAPER CHUCK**  
Use with "A" taper bits  
NO. 48-66-6502

**"B" TAPER CHUCK**  
Use with "B" taper bits  
and tooth anchor chucks  
NO. 48-66-6503

**DRIFT PIN**  
One is included with  
each chuck  
NO. 48-86-0120

## NEW ROTARY PERCUSSION CORE BITS



CATALOG NUMBER	BIT SIZE	CATALOG NUMBER	BIT SIZE	CATALOG NUMBER	BIT SIZE
48-20-5005	1"	48-20-5025	1-1/2"	48-20-5045	3"
48-20-5010	1-1/8"	48-20-5030	1-3/4"	48-20-5050	3-1/2"
48-20-5015	1-1/4"	48-20-5035	2"	48-20-5055	4"
48-20-5020	1-3/8"	48-20-5040	2-1/2"	48-20-5060	5"
				48-20-5065	6"

RED CATALOG NOS. ARE NOT  
RECOMMENDED FOR USE WITH MODEL 5343.

### CORE BIT ADAPTERS (Order Separately)

For 1" to 1-1/2" Core Bits	12" long	NO. 48-03-3535
For 1" to 1-1/2" Core Bits	18" long	NO. 48-03-3536
For 1-3/4" to 6" Core Bits	12" long	NO. 48-03-3540
For 1-3/4" to 6" Core Bits	18" long	NO. 48-03-3541

### CENTER PIN\*

(Same as furnished with Core Bits)

For 1-1/4" to 1-1/2" Core Bits NO. 48-20-6150  
For 1-3/4" to 6" Core Bits NO. 48-20-6155

\* 1" and 1-1/8" Core Bits do not require a center pin.

### REPLACEMENT GUIDE PLATES

CATALOG NUMBER	DIAMETER	CATALOG NUMBER	DIAMETER
48-20-6151	1-1/4"	48-20-6159	3"
48-20-6152	1-3/8"	48-20-6160	3-1/2"
48-20-6153	1-1/2"	48-20-6161	4"
48-20-6156	1-3/4"	48-20-6162	5"
48-20-6157	2"	48-20-6163	6"
48-20-6158	2-1/2"		

## NEW HAMMER TOOLS BULL POINTS



12" long NO. 48-62-2000 18" long NO. 48-62-2010

### COLD CHISELS



12" long NO. 48-62-2020 18" long NO. 48-62-2030

### SCALING CHISELS



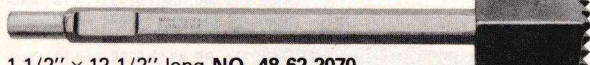
1-1/4" x 12" long NO. 48-62-2040 2" x 12" long NO. 48-62-2050

### SLOTING CHISEL



1-1/2" x 12" long NO. 48-62-2060

### BUSHING TOOL



1-1/2" x 12-1/2" long NO. 48-62-2070

Bushing Tool Head only NO. 48-62-0910

## NEW SDS BITS

FOR USE WITH SDS ADAPTER

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/16	48-20-7000	4-1/2	2
1/4	48-20-7005	4-1/2	2
1/4	48-20-7010	6-1/4	4
5/16	48-20-7015	6-1/4	3-3/4
3/8	48-20-7020	10-1/2	8
3/8	48-20-7025	12-1/2	10
7/16	48-20-7030	8	6
1/2	48-20-7035	10-1/2	8
1/2	48-20-7040	12-1/2	10
9/16	48-20-7045	10-1/2	8
5/8	48-20-7050	9-1/4	6-3/4
5/8	48-20-7055	12-1/2	10
3/4	48-20-7060	9-1/2	8
3/4	48-20-7065	12-1/2	11

### SDS BIT ADAPTER



For use with SDS Bits  
NO. 48-03-3015

## TOOTH ANCHOR CHUCKS

For Application of Self-Drilling Anchors.  
Requires use of "B" taper chuck No. 48-66-6503.



"B" TAPER CHUCK

TOOTH  
ANCHOR  
CHUCK

ANCHOR

TOOTH ANCHOR CHUCK CATALOG NUMBER	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

**DRIFT PIN NO. 48-86-0120**  
is included with "B" taper  
chuck No. 48-66-6503.

**DRIFT PIN NO. 48-86-0100**  
is not furnished with each tooth  
anchor chuck. Order separately.





# HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310, 5325



MODEL 5300  
WITH 5 WAY ACTION  
FOR 7/16" HEX SHANK  
HAMMER IRON

**NOT ILLUSTRATED:**  
MODEL 5310  
FOR 7/16" HEX SHANK  
HAMMER IRON

MODEL 5325  
FOR 9/16" HEX SHANK  
HAMMER IRON

**ROTARY PERCUSSION  
CORE BITS**  
For Drilling  
with Heavy Hammering  
and Rotary Action



## CORE BITS

Starter Bit included. Order Core Bit Adapter Separately.

NO. 48-20-5250	1-1/4" x 6"
NO. 48-20-5510	1-1/2" x 6"
NO. 48-20-5760	1-3/4" x 6"
NO. 48-20-6010	2" x 6"
NO. 48-20-6050	2-1/2" x 6"

## 1/2" STARTER BITS

NO. 48-20-6105	For 1-1/4" Core Bit
NO. 48-20-6110	For 1-1/2" Core Bit
NO. 48-20-6120	For 1-3/4" Core Bit
NO. 48-20-6130	For 2" Core Bit
NO. 48-20-6140	For 2-1/2" Core Bit

## CORE BIT ADAPTER



## 7/16" and 9/16" HEX. SHANK

7/16" Hex. shanks fit MILWAUKEE 5300, 5310, 5305, 5315 and Skil 726.  
9/16" Hex. shanks fit MILWAUKEE 5325, 5326, Skil 731, 732, B & D 5048 and Rockwell 602, 1602.

## CORE BIT ADAPTERS

(Order Separately)  
FOR 1-1/4" CORE BIT

NO. 48-03-3515	7/16" Hex. Shank
NO. 48-03-3530	9/16" Hex. Shank

FOR 1-1/2", 1-3/4", 2" AND 2-1/2" CORE BITS

NO. 48-03-3505	7/16" Hex. Shank
NO. 48-03-3520	9/16" Hex. Shank

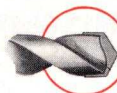
## EXTENSIONS

FOR 1-1/4" CORE BIT

NO. 48-95-6065	12" Long
----------------	----------

FOR 1-1/2", 1-3/4", 2" AND 2-1/2" CORE BITS

NO. 48-95-6005	7-1/2" Long
NO. 48-95-6055	12" Long



**HIGHEST QUALITY CARBIDE TIP BRAZED TO STEEL BODY**...Specially designed for continuous use with heavy blow and rotary action. MILWAUKEE Percussion Carbide-Tip Bits have heat-treated alloy steel shanks and bodies for durability and long life.

"A" and "B" TAPER CHUCKS ARE AVAILABLE FOR MOST COMPETITIVE HAMMERS.

## TAPER CHUCKS

MILWAUKEE "A" TAPER CHUCKS

FITS MODEL NUMBERS	MILWAUKEE CATALOG NUMBER
MILWAUKEE 5300, 5310 Skil 726	48-66-6500
Skil 707, 708 Rockwell 600, 601 Black & Decker 5040-09	48-66-6708
MILWAUKEE 5325 Skil 731, 732 Rockwell 602, 1602 Black & Decker 5048	48-66-6709
Hilti TE-17	48-66-6750

## "B" TAPER CHUCKS

MILWAUKEE 5300, 5310 Skil 726	48-66-6501
MILWAUKEE 5325 Skil 731, 732 Rockwell 602 Black & Decker 5048	48-66-6710
Drift when ordered	48-86-0090 *
Pins separately	48-86-0100

\*Use with Chuck NO. 48-66-6708.

## PERCUSSION CARBIDE TIPPED BITS

GENERAL PURPOSE "A" AND "B" TAPER SHANK BITS provide an economical means of drilling. They require the use of TAPER CHUCKS as listed in the chart on the lower left. SEE PG. 51 FOR "A" AND "B" TAPER SHANK BITS.

GENERAL PURPOSE BITS No adapter is required. One piece bits fit directly into the nose of the hammer.

## GENERAL PURPOSE ONE PIECE BITS

### WITH 7/16" HEX SHANK

For Models 5300, 5310, 5305, 5315 and Skil 726.

ONE PIECE  
7/16" HEX. X 2-1/8" LONG SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1500	10	4-1/4
1/2	48-20-1502	16	10-1/2
1/2	48-20-1504	22	16
9/16	48-20-1560	12	6-1/2
5/8	48-20-1630	10	4-1/2
5/8	48-20-1632	16	10-1/2
5/8	48-20-1634	22	16
11/16	48-20-1690	12	6-1/2
3/4	48-20-1750	10	4-1/2
3/4	48-20-1752	16	10-1/2
3/4	48-20-1754	23-1/2	18
7/8	48-20-1880	12	6-1/2
7/8	48-20-1882	23-1/2	18
1	48-20-2000	12	6-1/2
1	48-20-2002	23-1/2	18
1-1/8	48-20-2130	12	6-1/2
1-1/8	48-20-2132	23-1/2	18
1-1/4	48-20-2250	12	7
1-1/4	48-20-2251	23-1/2	18
1-3/8	48-20-2370	12	7
1-3/8	48-20-2372	23-1/2	18
1-1/2	48-20-2500	15	10
1-1/2	48-20-2502	23-1/2	18

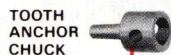
### WITH 9/16" HEX SHANK

For Models 5325, 5326 and Skil 731, 732, B & D 5048, Rockwell 602 and 1602

ONE PIECE  
9/16" HEX. X 2-1/8" LONG SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1509	10-1/2	4-1/2
1/2	48-20-1510	16-1/2	10-1/2
1/2	48-20-1511	22-1/2	16-1/2
9/16	48-20-1561	13	7
5/8	48-20-1631	10	4
5/8	48-20-1633	16-1/2	10-1/2
5/8	48-20-1635	22-1/2	16-1/2
11/16	48-20-1691	13	7
3/4	48-20-1751	10	4
3/4	48-20-1753	16-1/2	10-1/2
3/4	48-20-1755	22-1/2	16-1/2
7/8	48-20-1881	17	11-1/2
7/8	48-20-1883	22-1/2	16-1/2
1	48-20-2001	12-1/2	7
1	48-20-2003	22-1/2	17
1-1/8	48-20-2131	17	11-1/2
1-1/8	48-20-2133	22-1/2	17
1-1/4	48-20-2252	17	11-1/2
1-1/4	48-20-2253	22-1/2	17
1-3/8	48-20-2371	17	11-1/2
1-3/8	48-20-2373	22	17
1-1/2	48-20-2501	17	11-1/2
1-1/2	48-20-2503	22	17

## TOOTH ANCHOR CHUCKS For Application of Self-Drilling Anchors



**MUST BE USED WITH "B" TAPER CHUCK OR "B" TAPER CHUCK ASSEMBLY AS ILLUSTRATED**

"B" TAPER CHUCK FOR AUTOMATIC ROTATION



7/16" and 9/16" HEX. SHANK AVAILABLE

## "B" TAPER CHUCKS

NO. 48-66-6501	7/16" Hex. Shank
NO. 48-66-6710	9/16" Hex. Shank

Drift Pin 48-86-0100 included.

## TOOTH ANCHOR CHUCK KIT NO. 49-22-2000

## TOOTH ANCHOR CHUCK KIT NO. 49-22-2000

Tooth Anchor Chucks for bolts sizes 3/16", 1/4", 3/8", 1/2" and 5/8"; "B" Taper Chuck (48-66-6501) with Drift Pin (48-86-0100) and Steel Case (48-55-0780).



For final setting of anchors 1/2" and 5/8" use hand hammer and setting tool.

TOOTH ANCHOR CHUCK SELF-DRILLING ANCHOR



7/16" and 9/16" ROUND SHANK AVAILABLE

## "B" TAPER CHUCK ASSEMBLIES

NO. 48-03-3600	7/16" Shank
NO. 48-03-3100	9/16" Shank

Drift Pin 48-86-0100 included.

TOOTH ANCHOR CHUCK SELF-DRILLING ANCHOR

"B" TAPER CHUCK ASSEMBLY FOR MANUAL ROTATION

## CHISELS AND BULL POINTS Highest Quality Forged Steel for Chiseling, Channeling, Light Demolition Work, Chipping, Scaling, Slotting and Tuckpointing.

### SCALING CHISEL

For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.

7/16" and 9/16" SHANK AVAILABLE



NO. 48-62-0210	7/16" Shank
NO. 48-62-0355	9/16" Shank

### MORTAR CUTTING CHISEL

For removing old mortar for tuckpointing or caulking and seaming.

7/16" and 9/16" SHANK AVAILABLE



NO. 48-62-0230	7/16" Shank
NO. 48-62-0362	9/16" Shank

### COLD CHISEL

For edging, chipping or channeling.

7/16" and 9/16" SHANK AVAILABLE



11" LONG	
NO. 48-62-0250	7/16" Shank
NO. 48-62-0365	9/16" Shank
18" LONG	
NO. 48-62-0252	7/16" Shank
NO. 48-62-0367	9/16" Shank

### BULL POINT

For light demolition work.

7/16" and 9/16" SHANK AVAILABLE



11" LONG	
NO. 48-62-0240	7/16" Shank
NO. 48-62-0380	9/16" Shank
18" LONG	
NO. 48-62-0248	7/16" Shank
NO. 48-62-0382	9/16" Shank

### SLOTING CHISEL

For slotting and cutting between drilled holes in concrete and masonry.

7/16" and 9/16" SHANK AVAILABLE



NO. 48-62-0220	7/16" Shank
NO. 48-62-0390	9/16" Shank





# HEAVY-DUTY DEMOLITION HAMMER

FAST BREAKUP OF CONCRETE, ASPHALT,  
CLAY, COMPACTED DIRT QUICKLY LOOSENED WITH CLAY SPADE

- COMPLETELY SEALED MECHANISM EXCLUDES ABRASIVE DUST INSIDE
- AIR CUSHIONED SYSTEM DELIVERS MAXIMUM BLOW TO BIT—YET SMOOTH OPERATING TO REDUCE FATIGUE
- HANDLES A WIDE RANGE OF HAMMER IRON

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MINUTE	LENGTH	NET WEIGHT LBS.	SHP. WEIGHT LBS.
5332	120	13	2000	27-3/4"	34	65

STANDARD EQUIPMENT: Demolition Hammer, Steel Carrying Case, Auxiliary Pipe Handle and "F" Grease.

## ACCESSORIES



**STEEL  
CARRYING CASE**  
(When ordered separately)  
NO. 48-55-0725

**12" BULL POINT** NO. 48-62-0165  
**20" BULL POINT** NO. 48-62-0175



**12" COLD CHISEL** NO. 48-62-0065  
**20" COLD CHISEL** NO. 48-62-0075



**SCALING CHISEL** NO. 48-62-0155



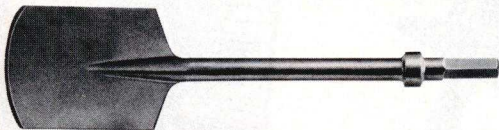
**SLOTING TOOL** NO. 48-62-0225



**BUSHING TOOL** NO. 48-62-0900 Used to surface concrete.  
**BUSHING TOOL HEAD** NO. 48-62-0910 Replacement.



**CLAY SPADE** NO. 48-62-1000



**FROST SPADE** NO. 48-62-0350



**GROUND ROD DRIVER** NO. 48-62-6000  
Drives 5/8" or 3/4" electrical grounding rods.



### STAR DRILLS

**1" x 18"** NO. 48-88-1003  
**1-1/8" x 18"** NO. 48-88-1122  
**1-1/4" x 18"** NO. 48-88-1250  
**1-3/8" x 18"** NO. 48-88-1375  
**1-1/2" x 18"** NO. 48-88-1500  
**1-3/4" x 18"** NO. 48-88-1750  
**2" x 18"** NO. 48-88-2000  
**2-1/2" x 18"** NO. 48-88-2500



**TURNING HANDLE** NO. 49-15-0300  
For use with Star Drills.



**5332**

**2000  
BLOWS  
PER MIN.**

- HEAVY-DUTY MILWAUKEE-BUILT MOTOR
- ALL BALL AND ROLLER BEARINGS
- CONVENIENT TWO FINGER TRIGGER SWITCH
- EASY ACCESS BRUSH COVERS
- 3 POSITION PIPE HANDLE

**TYPE "E" GREASE**  
1 lb. can  
NO. 49-08-4121

**TYPE "F" GREASE**  
2 oz. tube  
NO. 49-08-4130





# HEAVY-DUTY SAWZALL®

UNSURPASSED FOR OVERALL PERFORMANCE AND RUGGEDNESS

## 6507

WITH CASE

### TRIGGER SPEED CONTROL

0-2400 STROKES PER MINUTE

PRESS SINGLE TRIGGER FOR CONTROLLED SAWING SPEEDS FROM 0 TO 2400 STROKES PER MIN.

DOUBLE INSULATED CONSTRUCTION WITH 3 WIRE GROUNDED SYSTEM

QUIK-LOK DETACHABLE CORD SET



**MILWAUKEE ELECTRONICS HEAVY-DUTY SPEED CONTROL SWITCH**

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

#### QUIK-LOK CORD SETS

\* 8' QUIK-LOK NO. 48-76-3008  
25' QUIK-LOK NO. 48-76-3025  
50' QUIK-LOK NO. 48-76-3050

\* Standard Equipment



- ALL BALL AND ROLLER BEARINGS
- DURABLE REINFORCED NYLON HANDLE
- PROTECTIVE FRONT END BOOT

**STEEL CARRYING CASE**

NO. 48-55-1500 Standard Equipment

#### SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6507	120	4	3/4"	0-2400	16	7	18

**STANDARD EQUIPMENT:** Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are Socket Wrench and Holder, Extra Blade Clamp and Screw, Steel Carrying Case, and 8' Quik-Lok Cord No. 48-76-3008.

## 6511 6531

WITH CASE LESS CASE

### TWO SPEED

2400 OR 1700 STROKES PER MINUTE

HIGH SPEED FOR ROUGHING IN WOOD AND LOW SPEED FOR EFFICIENT METAL CUTTING

DOUBLE INSULATED CONSTRUCTION WITH 3 WIRE GROUNDED SYSTEM

First powerful, lightweight, portable electric reciprocating saw in a complete unit, the SAWZALL®, with its patented mechanism, has proven its ruggedness and versatility in continuous field use. For Plumbers, Heating and Air Conditioning Contractors, Electricians, Builders, Steel Fabricators, Maintenance People and Manufacturers. Cuts any shape in wood, plaster, metal, plastics, masonite, builder's transite and other sawable materials...plunge cuts in wood and other resilient stock...no starting hole required.

- ALL BALL AND ROLLER BEARINGS
- DURABLE REINFORCED NYLON HANDLE
- PROTECTIVE FRONT END BOOT



Use Genuine **SUPER-TOUGH™** Bi-Metal Sawzall® Blades —  
Cut Faster, Straighter —  
Last Many Times Longer than any ordinary steel blade.

**STEEL CARRYING CASE**

NO. 48-55-1500 Standard Equipment for SAWZALL® NO. 6511

#### SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6511	120	4	3/4"	2400/1700	16	7	18
6531●	120	4	3/4"	2400/1700	16	7	10

● Less Case

**STANDARD EQUIPMENT:** Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are socket wrench and holder, extra blade clamp and screw.





# HEAVY-DUTY SAWZALL®

**CUTS ANY SAWABLE MATERIAL — NEEDS NO STARTING HOLE**

## 6512

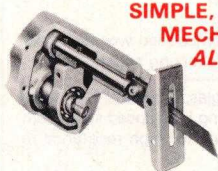
WITH CASE

### TWO SPEED DOUBLE INSULATED

**2400 OR 1700 STROKES PER MINUTE**

**HIGH SPEED FOR ROUGHING IN WOOD AND LOW SPEED FOR EFFICIENT METAL CUTTING**

**DOUBLE INSULATED CONSTRUCTION. TWO INDEPENDENT INSULATING BARRIERS BETWEEN ELECTRICAL WINDINGS AND EXPOSED METAL**



**SIMPLE, RUGGED RECIPROCATING MECHANISM FEATURE, STANDARD ON ALL SAWZALL® MODELS**

Built to stand large thrust loads in equal amount from either direction. Only three major moving parts. Heavy-duty bearings.

- ALL BALL AND ROLLER BEARINGS
- DURABLE REINFORCED NYLON HANDLE
- PROTECTIVE FRONT END BOOT

Use Genuine **SUPER-TOUGH™** Bi-Metal Sawzall® Blades — Cut Faster, Straighter — Last Many Times Longer than any ordinary steel blade.

**STEEL CARRYING CASE**  
**NO. 48-55-1500**  
Standard Equipment



## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	NET WGT. LBS.
6512★	120	4	3/4"	2400/1700	16	7	18

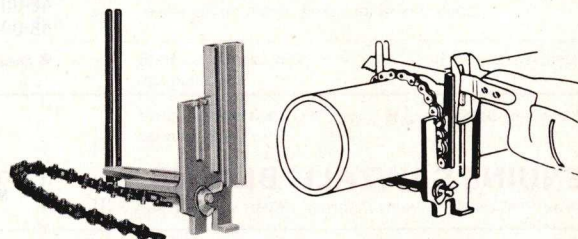
★ Available in 240 Volts AC Only. Add -2 after Catalog Number when ordering. See price sheet.  
**STANDARD EQUIPMENT:** Includes Sawzall® Blade Card No. 49-22-1121 for wood and metal—total of 11 blades. Also included are socket wrench and holder, extra blade clamp and screw.

## ACCESSORIES



**STEEL CARRYING CASE**  
**NO. 48-55-1500**

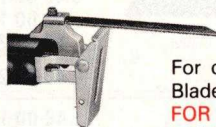
Standard Equipment for all Sawzalls® except No. 6531. Features large storage area for extra Sawzall® Blades and accessories. Case designed to fit Sawzall® with up to 6" blade, without removal of blade for storage. Heavy-Duty 20 gauge steel.



**SAWZALL® CUT-OFF FIXTURE NO. 48-08-0200**

Inexpensive time saving accessory, designed to make square accurate cuts thru steel and plastic pipe and other materials up to 4-1/2" O.D. Easily accommodates irregular shapes to 3-1/4" x 4-1/2".

**OFFSET BLADE ADAPTER**  
**NO. 48-03-2000**



For close quarter sawing. Extra Blade Clamp and Blade Clamp Screw included.

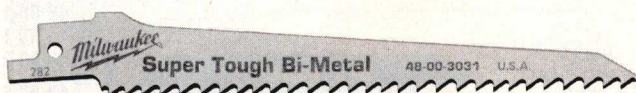
**FOR ALL SAWZALLS®**  
**BLADE CLAMP NO. 42-68-0073**  
**BLADE CLAMP SCREW NO. 06-75-2400**

**WRENCH, SCREW AND CLAMP KIT NO. 49-22-5080** consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.

**WRENCH AND SCREW KIT NO. 49-22-5050** consists of 25 socket wrenches and 50 blade clamp screws.

**BLADE CLAMP WRENCH NO. 49-96-0070**  
**RUBBER FLEX WRENCH HOLDER NO. 48-66-4080**

**TYPE "A" GREASE NO. 49-08-0500** for gear case 1/2 lb. can  
**TYPE "A" GREASE NO. 49-08-0800** for gear case 1 lb. can  
**TYPE "B" GREASE NO. 49-08-0600** for mechanism 1/2 lb. can  
**TYPE "B" GREASE NO. 49-08-0900** for mechanism 1 lb. can



**SELECT SUPER-TOUGH™ BI-METAL BLADES AND GENUINE SAWZALL® BLADES**  
**SEE PAGES 56, 57, 58 FOR COMPLETE LISTINGS**



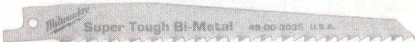
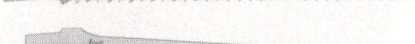
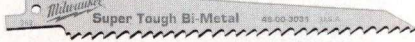
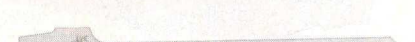
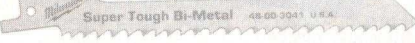








# HEAVY-DUTY SAWZALL® BLADES

**SELECT SUPER-TOUGH™ BI-METAL BLADES OR GENUINE SAWZALL® BLADES**  
 • 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS • SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN








## SUPER-TOUGH™ BI-METAL BLADES

- CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL
- BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes

		CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
White— BI-METAL WOOD CUTTING		48-00-3035	6	6	5	Very fast cutting in wood or nail embedded woods. General roughing in work.
		48-00-3036 <b>NEW</b>	6	9	5	
		48-00-3037 <b>NEW</b>	6	12	5	
Blue— BI-METAL METAL CUTTING		48-00-3031	7	6	5	Fast cutting in wood or nail embedded woods. General roughing in work.
		48-00-3041	6	6	5	Very fast cutting in wood or nail embedded woods. Shear tooth design/fleam sharpened for shearing action.
		48-00-1180	10	4	10	Heavy gauge metals, cast iron, angles, bar stock 1/8" thick and above. Hard rubber. Fast cutting high speed steel teeth welded to a flexible alloy steel back for high resistance to breakage.
		48-00-1181	14	4	10	
		48-00-1182	14	6	10	
		48-00-1183●	18	4	10	Same characteristics as 1180, 1181, 1182 except finer teeth for fast cutting of metals 18 gauge to 1/8" thick, conduit, pipe, channels and tubing.
		48-00-1184●	18	6	10	
		48-00-1185●	24	4	10	

● Some varieties of stainless steel can be cut with these blades.

## GENUINE SAWZALL® BLADES

		CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
Purple— HIGH ALLOY STEEL		48-00-1001	3	3-1/2	10	Nail free woods...fastest cutting...fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.
		48-00-1002	3	6	10	
		48-00-1003	3	12	5	
Orange— HIGH ALLOY STEEL		48-00-1011	6	3-1/2	10	Nail embedded woods and composition materials...12" blade affords flexibility for flush cutting.
		48-00-1012	6	6	10	
		48-00-2011	6	12	5	
		48-00-1013	10	3-1/2	10	For all woods...nail embedded woods, composition materials and light gauge non-ferrous metals.
		48-00-1014	10	6	10	
Green— HIGH ALLOY STEEL		48-00-2012	10	12	5	Nail embedded woods...for opening crates, boxes, removing wood siding and shingles.
		48-00-2013	18	12	5	
		48-00-1021	6	3-1/2	5	All woods including nail embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.
		48-00-1022	6	6	5	
		48-00-1023	10	3-1/2	5	
Silver— SPRING STEEL		48-00-1024	10	6	5	General roughing-in work in wood and nail embedded woods.
		48-00-1031	7	6	5	
		48-00-1032	7	12	5	
Black— SPRING STEEL		48-00-1033	7	9	5	General roughing-in work in wood and nail embedded woods. Thinner and harder than 1031 series for faster cuts.
		48-00-1034	6	4	10	
		48-00-1035	6	6	10	
Black— SPRING STEEL		48-00-1036	6	9	10	Wood cutting...shear tooth design...fleam sharpened for shearing action...very fast cutting, long blade life.
		48-00-1041	6	6	5	
		48-00-1042	6	12	3	
Black— BAND SAW STEEL		48-00-1043	6	9	4	For nail free woods, plywood and fiberboard...A general purpose economy type blade.
		48-00-1061	6	3-1/2	10	
		48-00-1062	6	6	10	Nail embedded woods, plywood and insulating board. Can also be used for cutting Transite. Blade edge hardened.
		48-00-1063	10	3-1/2	10	
		48-00-1064	10	6	10	
		48-00-2064▲	10	6	10	For nail embedded woods, opening wooden crates or boxes, removing wood siding or shingles. Teeth are fully hardened.
		48-00-1065	18	3-1/2	10	
		48-00-1066	18	6	10	
		48-00-2066▲	18	6	10	For light gauge non-ferrous metals.
		48-00-1067	24	3-1/2	10	
		48-00-1068	24	6	10	

▲ All blades have teeth set to cut on up stroke except blades 48-00-1202, 48-00-2064 and 48-00-2066. These 3 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.









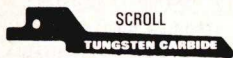





# HEAVY-DUTY SAWZALL® BLADES

**CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE**

• 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS • SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN

## GENUINE SAWZALL® BLADES

		CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
Orange— HIGH ALLOY STEEL		48-00-1131	7	4-1/8	5	Plunge cutting wood and sawing back to a line. Hardened teeth and flexible center permits sawing in close quarters. High resistance to bending or breaking. Ideal for roughing-in.
		48-00-1121	6	3-5/8	5	Sawing intricate shapes and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray). (1151) a high speed steel Deluxe blade (Black).
		48-00-1151	6	3-5/8	5	
(SEE CHART)		48-00-1141	7	3-5/8	10	Rough cutting irregular contours in wood, fiberboard and asphalt. Spring steel blade (Black).
		48-00-1201	6	3-5/8	5	High speed steel, hollow ground...Deluxe type...for fast, smooth finish scroll cuts in wood, plastics, Formica and fiberglass (Silver with black shank).
		48-00-1202▲	6	3-5/8	5	
Red— HIGH SPEED STEEL		48-00-1101	14	2-1/2	10	Scroll cutting metals. 14 tooth for 1/8" and over. 18 tooth—18 ga. to 1/8"; 24 tooth—lighter than 18 ga.
		48-00-1102●	18	2-1/2	10	
		48-00-1103●	24	2-1/2	10	
Yellow— HIGH SPEED STEEL		48-00-1161	10	3-5/8	10	Heavy gauge metal, hard rubber and fiber.
		48-00-1162	14	3-5/8	10	
		48-00-2175	10	8	5	Steel or copper pipe to 4" dia., and also metal decking materials.
Red— HIGH SPEED STEEL		48-00-1171	14	2-1/2	10	Metal heavier than 1/8" thick, angles, bar stock, hard rubber and fiber.
		48-00-1172	14	4	10	
		48-00-1179	14	6	10	
		48-00-1173●	18	2-1/2	10	Heavy gauge metals, conduit, pipe, channels and tubing.
		48-00-1174●	18	4	10	
		48-00-2170●	18	6	10	
		48-00-1175●	24	2-1/2	10	Metals lighter than 18 gauge sheet, trim and tubing.
		48-00-1176●	24	4	10	
		48-00-2171●	24	6	10	
		48-00-1177	32	2-1/2	10	Very light gauge metals...sheet trim and tubing.
		48-00-1178	32	4	10	
White— HIGH ALLOY STEEL		48-00-1051	6	3-1/2	10	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward stroke.
		48-00-1052	6	6	10	
Black— TUNGSTEN CARBIDE		48-00-1410†	GRIT	3-1/2	3	Medium grit: for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.
Black— TUNGSTEN CARBIDE		48-00-1400†	GRIT	4	3	Coarse grit: for fiberglass (epoxies, polyesters, silicones, melamines).
		48-00-1420†	GRIT	6	3	Nail embedded wood, plaster with nails and cement.
Silver— SPRING STEEL		48-00-1071	KNIFE	4	10	Sponge, rubber, leather, felt and other resilient materials.
Green— HIGH ALLOY STEEL		48-00-1302	6	12	5	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.

▲ All blades have teeth set to cut on up stroke except blades 48-00-1202, 48-00-2064 and 48-00-2066. These 3 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.

● Some varieties of stainless steel can be cut with these blades.

† With 2-Speed and Trigger Control SAWZALL® use slower speeds.

Carbide blades cut on both the up and down strokes giving better edge finish.



**SEE FOLLOWING PG. 58  
FOR: SAWZALL® BLADE  
● ECONOMY ASSORTMENT  
● BLADE CARD  
● MERCHANDISERS**





# HEAVY-DUTY SAWZALL® BLADES

• ECONOMY ASSORTMENT • BLADE CARD • MERCHANDISERS

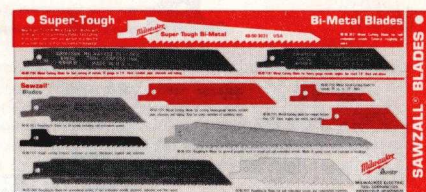


## ECONOMY BLADE ASSORTMENT NO. 49-22-1080

A special package value includes 45 Sawzall® Blades of 18 most popular types for cutting wood or metal. Consists of five each Nos. 48-00-(1063, 1064, 1174); three each 48-00-(1061, 1102, 1183); two each 48-00-(1023, 1024, 1041, 1051, 1062, 1103, 1121, 1141, 1173); one each 48-00-(1031, 1002, 1012).

## SAWZALL® BLADE CARD NO. 49-22-1121

Consists of one each of 48-00-(1011, 1023, 1031, 1064, 1141 and bi-metal 3031) for wood. 48-00-(1102, 1171, 1174, and bi-metal 1181 and 1184) for metal. A total of 11 blades.



## BI-METAL SAWZALL® BLADE MERCHANDISER

NO. 49-22-1068

Compact wall hanging display will promote and sell the new MILWAUKEE Sawzall® Blade packages. Eight hooks can hold up to 40 Super-Tough™ Bi-Metal Blade packages. Place several displays side by side to increase the selection and quantity of blades available to your customers. The header explains the benefits of Bi-Metal Blade construction and features a photo of a MILWAUKEE Sawzall® and a Super-Tough™ Bi-Metal blade. Measures 10-1/2" wide by 12" high.

CATALOG NUMBER	NO. OF PACKAGES	BLADES PER PACKAGE
48-00-1180	1	10
48-00-1181	1	10
48-00-1182	1	10
48-00-1183	1	10
48-00-1184	1	10
48-00-1185	1	10
48-00-3031	1	5
48-00-3041	1	5



## SAWZALL® BLADE MERCHANDISER NO. 49-22-1064

Handsome wood cabinet with a glass door and formed plastic blade compartments. Comes with an attractive header sign and shelves in the rear for handy blade storage. Includes 198 blades plus a socket wrench and screw kit\*. The complete unit measures 16" deep, 16-1/2" wide and 24" high.

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-00-1001	5	48-00-1062	10	48-00-1162	5	48-00-1181	5
48-00-1002	5	48-00-1063	10	48-00-1171	5	48-00-1182	5
48-00-1012	4	48-00-1064	10	48-00-1172	5	48-00-1183	5
48-00-1022	3	48-00-1102	5	48-00-1173	5	48-00-1184	5
48-00-1031	5	48-00-1103	6	48-00-1174	5	48-00-1185	5
48-00-1032	4	48-00-1121	3	48-00-1175	5	48-00-1420	3
48-00-1041	5	48-00-1131	5	48-00-1176	5	48-00-2170	5
48-00-1042	3	48-00-1141	3	48-00-1178	4	48-00-3031	5
48-00-1051	5	48-00-1151	5	48-00-1179	5	48-00-3041	5
48-00-1052	5	48-00-1161	5	48-00-1180	5	49-22-5050 *	1

## SAWZALL® BLADE PACKAGE MERCHANDISER REFILL NO. 49-22-1063† SAWZALL® BLADE PACKAGE MERCHANDISER REFILL NO. 49-22-1055‡

† Same selection of blades as above merchandiser but without display case.

‡ For previous merchandiser No. 49-22-1062. Same as No. 49-22-1063 plus plastic blade tray to allow older display to accept newer blades.





# HEAVY-DUTY HACK SAWS • BLADES • JOB SAW

## 12" BI-METAL BLADE HACK SAW FRAME

NO. 48-08-0320

MILWAUKEE'S FINEST Hack Saw features a built-in cranking handle to achieve the higher tension required for MILWAUKEE'S Bi-Metal Blades. A tension indicator helps assure proper tension for more efficient cutting and longer blade life. Rectangular tube construction provides greater strength than ordinary hacksaws. Knuckle Guard protects hands. Blades can be positioned for 90°, 45° angle or flush cutting.

## DELUXE 12" HACK SAW FRAME

NO. 48-08-0300

MILWAUKEE Deluxe Hack Saw features a new method of holding blade. Blade cannot "twist" or "wobble", therefore giving a more accurate cutting stroke and a longer blade life. Blade may be positioned to cut sideways absolutely flush with a surface. Cuts completely down to surface. A heavy-duty 12" Hack Saw designed for a lifetime of use.

## 10" TO 12" HACK SAW FRAME

NO. 48-08-0310

MILWAUKEE tubular Hack Saw of strong aluminum die cast construction adjusts for 10" or 12" blades. Smooth, comfortable front and rear handle grips. Locking screw extends all the way through tube for tighter alignment. Tube walls never press against threads of screw. Front stretcher held in snug fitting square hole — not a "punched hole" in thin wall of tubing. Good solid alignment in both 10" and 12" positions.

## MILWAUKEE HACK SAW BLADES

**SUPER-TOUGH™ BI-METAL, HIGH SPEED MOLYBDENUM STEEL and CARBON ALLOY STEEL BLADES**

**MILWAUKEE SUPER-TOUGH™ BI-METAL BLADES** outlast conventional blades up to 3 times longer, requires fewer blade changes. Can be used in any hacksaw frame, but performs better under high tension of Bi-Metal frame.

### SUPER-TOUGH™ BI-METAL PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0600	12"	14	RAKER
48-43-0610	12"	18	RAKER
48-43-0620	12"	24	WAVY
48-43-0630	12"	32	WAVY

### HIGH SPEED MOLYBDENUM STEEL

#### PACKAGE OF 100 BLADES

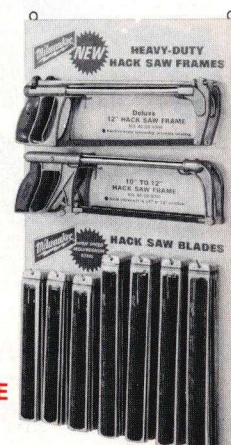
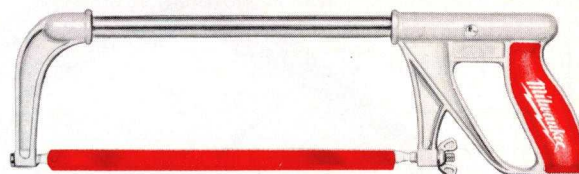
CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0550	12"	14	RAKER
48-43-0560	12"	18	RAKER
48-43-0570	12"	24	WAVY
48-43-0580	12"	32	WAVY

#### PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0010	10"	18	RAKER
48-43-0050	12"	14	RAKER
48-43-0060	12"	18	RAKER
48-43-0110	10"	24	WAVY
48-43-0120	10"	32	WAVY
48-43-0130	12"	24	WAVY
48-43-0140	12"	32	WAVY

### CARBON ALLOY STEEL PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0500	12"	14	RAKER
48-43-0510	12"	18	RAKER
48-43-0520	12"	24	WAVY
48-43-0530	12"	32	WAVY



### HAND HACK SAW BLADE MERCHANDISER

NO. 49-22-1180

Contains 43 packages of blades  
2 hack saw frames No. 48-08-0300  
2 hack saw frames No. 48-08-0310  
1 merchandiser

CATALOG NUMBER	NUMBER OF PACKAGES	NUMBER OF BLADES PER PACKAGE
48-43-0010	1	10
48-43-0110	1	10
48-43-0120	1	10
48-43-0050	10	10
48-43-0060	10	10
48-43-0130	10	10
48-43-0140	10	10

## HEAVY-DUTY JOB SAW

• PERFORMS AS A DRYWALL AND KEYHOLE SAW • ACCOMMODATES MILWAUKEE SAWZALL® BLADES



**JOB SAW PACKAGE**  
NO. 48-08-0400

Excellent for cutting nails, lath, plasterboard, BX cable, wood, conduit, etc. Cut comfortably in any position by simply turning the saw in your hand. Standard Sawzall® blade clamp with wing nut locks blade securely.

**SELECT 1/2" TANG SAWZALL® BLADES TO FIT JOB SAW. SEE PAGES 56 AND 57.**



Includes No. 48-00-1035 quality 6 tooth all purpose blade for nail embedded woods, Transite, and fiber-board.





# HEAVY-DUTY PORTABLE ELECTRIC BAND SAWS

ALL MODELS USE STANDARD 44-7/8" x 1/2" x .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease — no oiling required!
- Precision Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- Front T-Handle for better control

**6225**

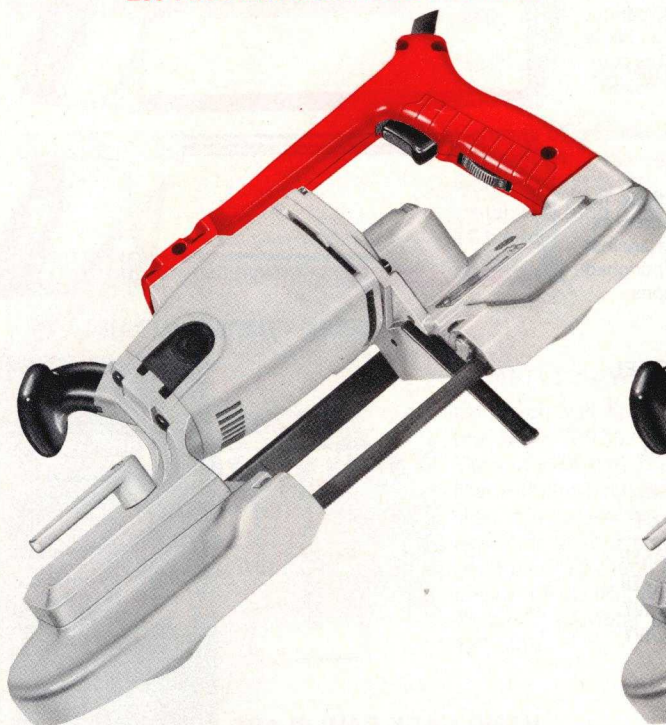
LESS CASE

**6226**

WITH CASE

**TWO SPEED**

200 AND 250 SURFACE FT./MIN.



**6227**

LESS CASE

**6234**

WITH CASE

**TRIGGER SPEED CONTROL**

0 TO 250 SURFACE FT./MIN.



## MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

Depress the trigger switch for variable speed control from 0 to 250 feet per minute. The further the switch is depressed, the greater the speed between 0 and 250 feet per minute, adjust the knurled knob located in the trigger switch for fixed speeds.

## SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INS.	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6225 Less Case	250/200	120	6/5	3-1/2"	3-1/2" x 4-1/2"	20	16	18-1/2
6226			Same as 6225, but with Steel Carrying Case					27-1/2
6227 Less Case	0-250	120	6	3-1/2"	3-1/2" x 4-1/2"	20	16	18-1/2
6234			Same as 6227, but with Steel Carrying Case					27-1/2

STANDARD EQUIPMENT: Includes one No. 48-39-0360 quality 14 tooth high speed steel blade.

## PORTABLE BAND SAW TABLE NO. 48-08-0250

CONVERTS MILWAUKEE'S PORTABLE BAND SAW TO A STATIONARY UNIT. CAN BE MOUNTED ON A WORKBENCH OR USED ON THE JOB WITH 3/4" DIAMETER PIPE FOR LEGS. SPRING LOADED HANDLE AIDS CLAMPING WITH HEAVY-DUTY CHAIN CLAMP FOR ALL SHAPES OF MATERIAL. NET WEIGHT 22 LBS.

PIPE LEGS ARE NOT SUPPLIED WITH UNIT.

BAND SAW MOUNTING BRACKET NO. 48-49-0010 MOUNTS MILWAUKEE BAND SAW TO ROCKWELL 5032 BAND SAW STAND.



## TYPE "G" GREASE

1 lb. can  
NO. 49-08-4140

## STEEL CARRYING CASE

When purchased separately  
NO. 48-55-1090







# HEAVY-DUTY BAND SAW BLADES

6 TEETH/INCH

FOR CUTTING STOCK  
11/32" TO 3-3/8" \*

8 TEETH/INCH

FOR CUTTING STOCK  
11/32" TO 3-3/8" \*

10 TEETH/INCH

FOR CUTTING STOCK  
3/16" TO 3-3/8" \*

14 TEETH/INCH

FOR CUTTING STOCK  
5/32" TO 1/2" \*

18 TEETH/INCH

FOR CUTTING STOCK  
1/8" TO 1/4" \*

24 TEETH/INCH

FOR CUTTING STOCK  
3/32" TO 1/8" \*

\* Refer to RECOMMENDED USE for type of blade.

## NOTE

BULK  
PACKAGING  
(100 BLADES)  
AVAILABLE  
FOR  
44-7/8"  
LENGTH  
BLADES  
IN  
BI-METAL,  
HIGH  
SPEED  
STEEL,  
AND  
ALLOY  
STEEL

SEE  
LISTINGS  
IN CHARTS

## BLADES FOR USE WITH MILWAUKEE BAND SAWS

44-7/8" x 1/2" x .020

### BI-METAL

**MILWAUKEE SUPER-TOUGH™ Bi-Metal Blades** outlast conventional blades up to 3 times, requiring fewer blade changes. Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, longer blade life.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0500	1		3/16"-3-3/8"	10
48-39-0502	100	High speed cutting of aluminum,	3/16"-3-3/8"	10
48-39-0510	1	angle iron, bronze, brass, copper,	5/32"-1/2"	14
48-39-0512	100	galvanized pipe, mild steel; and	5/32"-1/2"	14
48-39-0520	1	tougher steels including stainless,	1/8"-1/4"	18
48-39-0522	100	chrome, tungsten steels plus other	1/8"-1/4"	18
48-39-0530	1	problem material at slow speed.	3/32"-1/8"	24
48-39-0532	100		3/32"-1/8"	24

### HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0350	1		3/16"-3-3/8"	10
48-39-0352	100	High speed cutting of aluminum,	3/16"-3-3/8"	10
48-39-0360	1	angle iron, bronze, brass, copper,	5/32"-1/2"	14
48-39-0362	100	galvanized pipe, mild steel; and	5/32"-1/2"	14
48-39-0370	1	tougher steels including stainless,	1/8"-1/4"	18
48-39-0372	100	chrome, tungsten steels plus other	1/8"-1/4"	18
48-39-0380	1	problem material at slow speed.	3/32"-1/8"	24
48-39-0382	100		3/32"-1/8"	24

### ALLOY STEEL

Alloy Steel Blades give greater blade life and sustain higher shock than carbon steel blades and cut a wider range of materials including tough alloys and structural steel.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0250	1	High speed cutting of aluminum,	3/16"-3-3/8"	10
48-39-0252	100	angle iron, cast iron, bronze, brass,	3/16"-3-3/8"	10
		copper, galvanized pipe, mild steel;		
		and tougher steels including chrome		
		and tungsten steels at slow speed.		
48-39-0260	1	High speed cutting of aluminum,	5/32"-1/2"	14
48-39-0262	100	angle iron, cast iron, bronze, brass,	5/32"-1/2"	14
		copper, galvanized pipe, mild steel;		
		and tougher steels including chrome,		
		tungsten steels and electric cable at		
		slow speed.		
48-39-0270	1	High speed cutting of angle iron,	1/8"-1/4"	18
48-39-0272	100	bronze, brass, copper, galvanized	1/8"-1/4"	18
		pipe, thin wall tubing, mild steel; and		
		tougher steels including chrome and		
		tungsten steels at slow speed.		
48-39-0280	1	High speed cutting of angle iron,	3/32"-1/8"	24
48-39-0282	100	bronze, brass, copper, galvanized	3/32"-1/8"	24
		pipe, thin wall tubing, mild steel; and		
		tougher steels at slow speed.		

### CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0050	3	High speed cutting of aluminum, brass, copper, soft bronze, magnesium, wood, mild steel; and tougher steels at slow speeds.	11/32"-3-3/8"	6
48-39-0060	3	High speed cutting of aluminum, brass, copper, magnesium, mild steel; and tougher steels at slow speed.	11/32"-3-3/8"	8
48-39-0070	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	3/16"-3-3/8"	10
48-39-0080	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	5/32"-1/2"	14
48-39-0090	3	High speed cutting of angle iron, bronze, brass, copper, galvanized	1/8"-1/4"	18
48-39-0100	3	pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	3/32"-1/8"	24

## BLADES FOR USE WITH BAND SAWS USING 53-3/4" x 1/2" x .020 BLADES

### HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0450	1	High speed cutting of aluminum,	3/16"-3-3/8"	10
48-39-0460	1	angle iron, bronze, brass, copper,	5/32"-1/2"	14
48-39-0470	1	galvanized pipe, mild steel; and	1/8"-1/4"	18
48-39-0480	1	tougher steels including stainless,	3/32"-1/8"	24
		chrome, tungsten steels plus other		
		problem material at slow speed.		

### CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

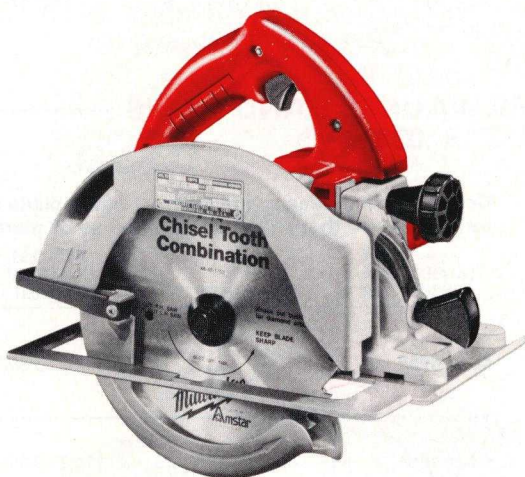
CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	THICKNESS OF MATERIAL TO BE CUT	TEETH PER INCH
48-39-0150	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	3/16"-3-3/8"	10
48-39-0160	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	5/32"-1/2"	14
48-39-0170	3	High speed cutting of angle iron, bronze, brass, copper, galvanized	1/8"-1/4"	18
48-39-0180	3	pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	3/32"-1/8"	24





# HEAVY-DUTY 7-1/4" and 8-1/4" CIRCULAR SAWS

13 AMP MOTOR



**7-1/4"**

**6365**

**6367 (DOUBLE INSULATED)**



**8-1/4"**

**6405**

**6407 (DOUBLE INSULATED)**

## LIGHTWEIGHT HEAVY-DUTY BALANCED CONTRACTORS SAWS WITH SUPER SAWING FEATURES

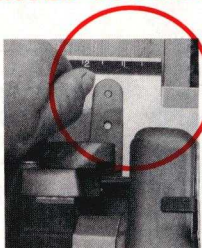
- All Ball and Roller Bearings
- Serviceable...External Brushes
- Heavy-Duty Construction Throughout... Strong — Non-Conductive Glass Reinforced Nylon Housing and Handle
- Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, Easy Action



**STEEL CARRYING CASE NO. 48-55-1150**

**MISCELLANEOUS**  
NO. 49-96-6200  
9/16" Utility Wrench  
NO. 49-08-4121  
1 Lb. Can "E" Grease

**RIP FENCE KIT**  
NO. 49-22-4100  
Includes Two Wing  
Screws No. 06-88-0110



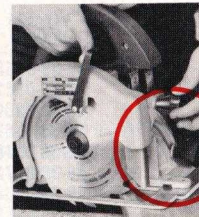
Clear Line Sighting... operator sees exactly where blade will cut.



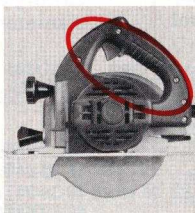
Graduated lip on shoe for fast set-up of rip cuts.



Rip Guide easily attached and held firmly. Available as an accessory.



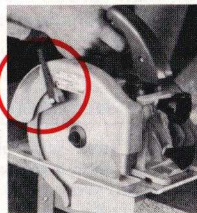
One knob adjustment for height and one knob adjustment for angle.



Special Trigger Switch — Handle. Designed for maximum control when carrying and when sawing.



Heavy-duty cord for extra long service. Cord wear is minimized by rear center strain relief.



Rear and side sawdust chute ejects sawdust away from operator and work.



Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, easy action.

## SPECIFICATIONS

**SEE PAGES 66 and 67  
FOR CIRCULAR SAW BLADES**

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SH. WEIGHT LBS.
7-1/4"	<b>6365</b> ★	CONTRACTORS SAW	120	13.0	5800	5/8"	2-7/16"	1-27/32"	12	17
7-1/4"	<b>6367</b>	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-7/16"	1-27/32"	12	17
8-1/4"	<b>6405</b>	CONTRACTORS SAW	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
8-1/4"	<b>6407</b> ★	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18

**STANDARD EQUIPMENT:** Includes Combination Saw Blade and 9/16" Wrench.

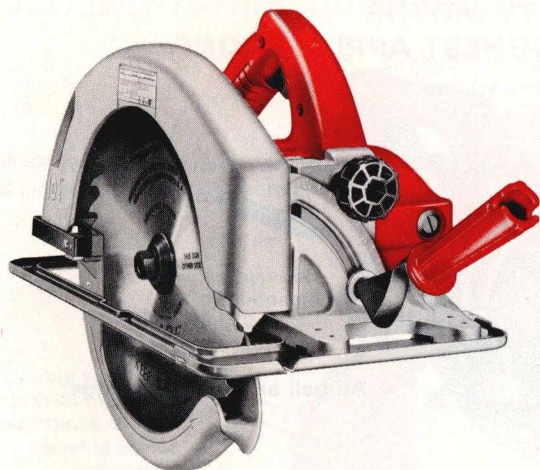
★ Available in 240 Volts. Add -2 after Catalog Number when ordering. See price sheet.





# HEAVY-DUTY 10-1/4" CIRCULAR SAW

15 AMP MOTOR



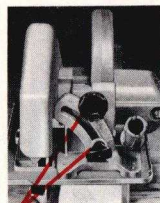
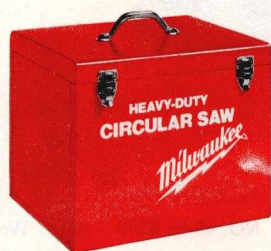
10-1/4"  
6460



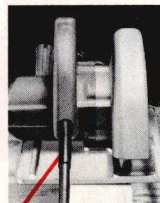
NO. 6460 SAW FURNISHED WITH  
STEEL CARRYING CASE, COMBINATION  
RIP SAW BLADE, 9/16" UTILITY  
WRENCH, AUXILIARY HANDLE  
AND RIP FENCE

## POWERFUL 10-1/4" SAW WILL CUT, RIP 4 x 4 LUMBER

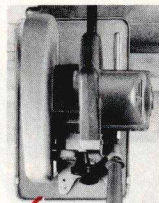
- All Ball and Roller Bearings
- Serviceable...External Brushes
- Heavy-Duty Construction Throughout... Strong — Non-Conductive Glass Reinforced Nylon Housing and Handle
- Quick Return, Heavy-Duty, Safety Telescoping Guard. Smooth, Easy Action



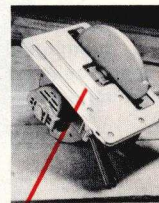
• Height adjustment and Angle adjustment controlled by separate front facing knobs for convenient control.



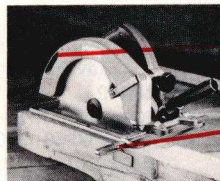
• Central location of Strain Reliever and Electrical Cord minimizes wear and kinking.



• Clear Line Sighting... operator knows exactly where circle saw blade will cut. For 45° through 90°.

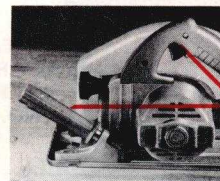


• Rigid Steel Wrap-Around Shoe for maximum strength and accuracy.



• Rear and Side Sawdust Chute ejects sawdust away from operator and work.

• Easily adjustable Rip Guide attached and held firmly. Furnished as standard equipment.



• Handles and Trigger Switch designed for maximum control during saw operation and when carrying.

STEEL CARRYING  
CASE NO. 48-55-1170

MISCELLANEOUS  
NO. 49-96-6200  
9/16" Utility Wrench  
NO. 49-08-4121  
1 Lb. Can "E" Grease

RIP FENCE KIT  
NO. 49-02-0080  
Includes Two Wing  
Screws No. 06-88-0110

SEE PAGES 66 and 67  
FOR CIRCULAR SAW BLADES

## SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
10-1/4"	6460★	CONTRACTORS SAW	120	15.0	5200	3/4"	15/16" to 3-15/16"	5/8" to 2-7/8"	19-1/2 lbs.	38 lbs.

STANDARD EQUIPMENT: Includes Steel Carrying Case, 9/16" Utility Wrench, Rip Fence, Combination Rip Saw Blade, Auxiliary Handle.

★ Available in 240 Volts AC Only. Add -2 after Catalog No. when ordering.





# HEAVY-DUTY WORM DRIVE SAWS

15 AMP MOTOR

POWERFUL HEAVY-DUTY MOTOR  
SPECIFICALLY DESIGNED FOR TOUGHEST APPLICATIONS

**6377** 7-1/4" BLADE SIZE

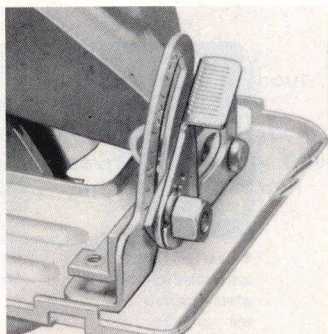
**6378** 8-1/4" BLADE SIZE



- Up to 1" lumber can be used for an edge guide on either side of shoe when ripping large panels

- All ball and roller bearings

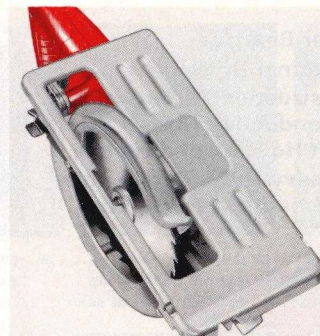
Fast positive  
miter adjustments



Brush holders with  
positive brush stop—  
prevents possible  
damage of commutator



Rigid steel  
wrap around shoe  
for maximum strength  
and accuracy



**STEEL  
CARRYING  
CASE**  
NO. 48-55-1101

**RIP FENCE KIT**  
NO. 49-22-4110  
Includes Screw No. 06-81-1800  
and Spring No. 40-50-1300.

**MISCELLANEOUS**  
NO. 49-96-6200 9/16" Wrench

**OIL FOR WORM DRIVE SAW**  
NO. 49-32-0050 1/2 Pt. Oil  
NO. 49-32-0060 1 Pt. Oil  
NO. 49-32-0070 1/2 Gal. Oil

**SEE PAGES 66 and 67  
FOR CIRCULAR SAW BLADES**

## SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT	SHP. WEIGHT
7-1/4"	<b>6377★</b>	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-3/8"	0 to 1-7/8"	17 lbs.	23 lbs.
8-1/4"	<b>6378★</b>	WORM DRIVE SAW	120	15	4400	DIAMOND	0 to 2-5/8"	0 to 2-1/4"	17-1/4 lbs.	23-1/4 lbs.

**STANDARD EQUIPMENT:** Includes Combination Blade and 9/16" Wrench.

★ Available in 240 Volts, Double Insulated: No. 6387-2 7-1/4", No. 6388-2 8-1/4". See price sheet.





# HEAVY-DUTY CHOP SAWS

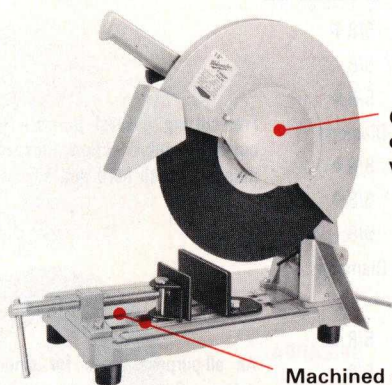
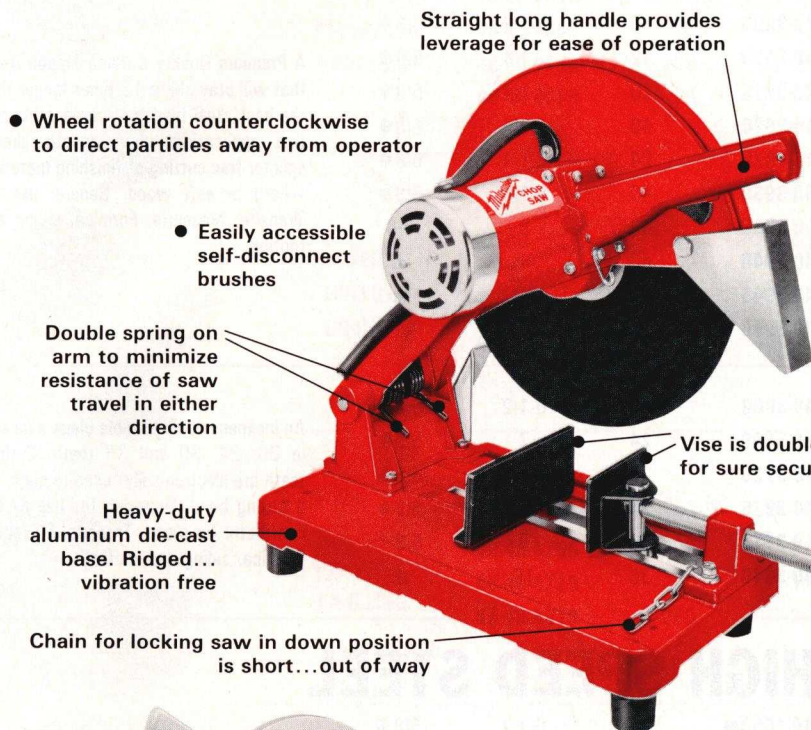
15 AMP MOTOR

**FAST CHOP CUTTING ACTION IN ANGLE IRON, PIPE, TUBING, CONDUIT, PVC and CHANNELS**

**6165 12" BLADE SIZE**

**6170 14" BLADE SIZE**

MILWAUKEE Heavy-Duty Chop Saws are designed for maximum cutting efficiency in any shop or job site location. Powerful motor, huge cutting capacity, rugged heavy-duty construction to provide stable cutting of angle iron, pipe, tubing, conduit, channels, PVC... any sawable material. Efficiently cuts bundles of drywall studs. Extensively used in any heavy-duty industrial construction.



## SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS	AMPS	NO LOAD SPEED (RPM)	ARBOR	CAPACITIES			NET WEIGHT	SHP. WEIGHT
						PIPE DIAMETER	BAR STOCK	SQUARE STOCK		
12"	6165	115 AC	15	4200	1"	4"	2-3/8"	4"	35 lbs.	42 lbs.
14"	6170	115 AC	15	3600	1"	5"	2-9/16"	4-3/8"	40 lbs.	45 lbs.

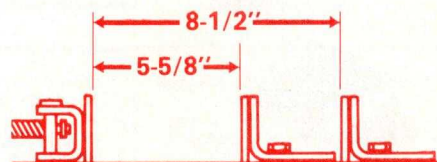
**STANDARD EQUIPMENT:** Includes Vice, Abrasive Wheel, Open End Wrench, NO. 49-96-4120 and Spanner Wrench, NO. 49-96-7610.



## ABRASIVE CUT-OFF WHEELS

**PACKED AND SOLD ONLY IN BOXES OF 5**

CATALOG NUMBER	BLADE DIAMETER	ARBOR DIAMETER	MAXIMUM SAFE SPEED RPM
49-93-6220	12" x 3/32"	1"	5000
49-93-6230	14" x 3/32"	1"	4350



**MAXIMUM OPENINGS  
FOR TWO POSITION VISE**



**Milwaukee**

# HEAVY-DUTY CIRCULAR SAW BLADES CARBIDE TIPPED

**NEW**



**PREMIUM QUALITY**

**CARBIDE  
TIPPED**



**CARBIDE  
TIPPED**

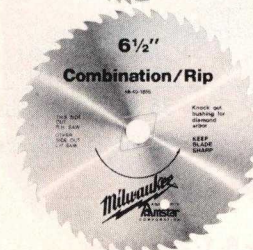


**CHISEL TOOTH  
COMBINATION**

■ See MILW. DISTRIBUTOR  
for Prices on Bulk Packaged  
Combination Blades



**MASTER  
COMBINATION**



**COMBINATION/  
RIP**

■ See MILW. DISTRIBUTOR  
for Prices on Bulk Packaged  
Combination Blades



**CROSSCUT/  
FLOORING**

SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES	RECOMMENDATIONS FOR SAWING
	48-40-3900	20	6-1/2	5/8 ♦	
	48-40-3905	40	6-1/2	5/8 ♦	
	48-40-3910	12	7-1/4	5/8 ♦	
	48-40-3915	20	7-1/4	5/8 ♦	
	48-40-3920	40	7-1/4	5/8 ♦	
	48-40-3925	24	8-1/4	5/8 ♦	
	48-40-3930	40	8-1/4	5/8 ♦	
	48-40-3935	40	9	5/8	
	48-40-3940	40	10	▲	
	48-40-3945	60	10	▲	
	48-40-3950	28	10-1/4	▲	

A Premium Quality Carbide Tipped Blade that will stay sharp 10 times longer than the best steel blades in comparable cutting applications. For smooth almost splinter-free cutting of finishing materials—hard or soft wood. General use for Transite, Masonite, Formica, siding and roofing.

	48-40-3660	20	6-1/2	5/8 ♦	
	48-40-3680	24	7	5/8 ♦	
	48-40-3725	24	7-1/4	5/8 ♦	
	48-40-3825	24	8-1/4	5/8 ♦	
	48-40-3830	30	9	5/8	
	48-40-3840	36	10	▲	

An inexpensive disposable blade available in 20, 24, 30 and 36 teeth. Carbide teeth are electronically fused to blade for a strong bond. Designed for use by the contractor for wood, Transite, Masonite, Formica, siding and roofing.

## HIGH SPEED STEEL

	48-40-1653 ■	24	6-1/2	5/8 ♦	
	48-40-1722 ■	26	7	5/8	
	48-40-1752 ■	26	7-1/4	5/8 ♦	
	48-40-1755	26	7-1/4	Diamond	
	48-40-1760	26	7-1/2	5/8 ♦	
	48-40-1812	28	8	5/8 ♦	
	48-40-1822	30	8-1/4	5/8	
	48-40-1823	30	8-1/4	Diamond	

Free-cutting general purpose blade for cutting in any direction. Rips, crosscuts, miters on both hard and soft woods.

	48-40-1650	48	6-1/2	5/8 ♦	
	48-40-1700	48	7	5/8	
	48-40-1725	60	7-1/4	5/8 ♦	
	48-40-1800	48	8	5/8 ♦	

An all-purpose blade for smooth, fast cutting. Cuts crosscut, rip, miters for general use.

	48-40-1655 ■	44	6-1/2	5/8 ♦	
	48-40-1710	44	7	5/8	
	48-40-1740 ■	44	7-1/4	5/8 ♦	
	48-40-1763	44	7-1/2	5/8 ♦	
	48-40-1820	44	8	5/8 ♦	
	48-40-1825	44	8-1/4	5/8	
	48-40-1835	36	10-1/4	3/4	

Most popular all-purpose blade—smooth, fast cutting in frame work, etc.—cut-off, ripping, mitering.

	48-40-5655	100	6-1/2	5/8 ♦	
	48-40-5725	100	7	5/8	
	48-40-5755	100	7-1/4	5/8 ♦	
	48-40-5805	100	8	5/8 ♦	

Cuts hardwoods, flooring and crating fast. Close-set teeth produce smooth-finish and hold edge longer when encountering nails.

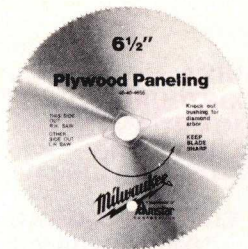
♦ 5/8" arbor hole with knockout for diamond arbor.

▲ 5/8" arbor hole with 3/4" knockout.





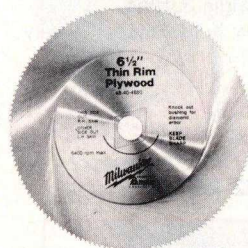
# HEAVY-DUTY CIRCULAR SAW BLADES HIGH SPEED STEEL



SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES	RECOMMENDATIONS FOR SAWING
<b>PLYWOOD/ PANELING</b>	48-40-4655	150	6-1/2	5/8 ♦	For plywood, wallboard, Masonite, light gauge non-ferrous metals, thin plastics. Fine teeth prevent tearing; holds sawdust to minimum.
	48-40-4658	200	7	5/8	
	48-40-4720	200	7-1/4	5/8 ♦	
	48-40-4800	200	8	5/8 ♦	



<b>PLANERS — HOLLOW GROUND</b>	48-40-7656	48	6-1/2	5/8 ♦	Makes satin-smooth finish cuts on all solid woods. Crosscuts, rips, miters—a professional quality blade for use in cabinet work, furniture, etc.
	48-40-7661	48	7	5/8	
	48-40-7725	60	7-1/4	5/8 ♦	
	48-40-7800	48	8	5/8 ♦	



<b>THIN RIM PLYWOOD/ PANELING</b>	48-40-4650	150	6-1/2	5/8 ♦	Finest blade for satin-smooth finish on plywood, veneers, laminates, Plexiglass and other thin materials. Use for crosscutting and mitering on cabinet and finish work.
	48-40-4700	200	7	5/8	
	48-40-4725	200	7-1/4	5/8 ♦	
	48-40-4810	200	8	5/8 ♦	



<b>METAL CUTTING</b>	48-40-6658	80	6-1/2	5/8 ♦	Hollow ground for cutting metals such as aluminum, magnesium, copper and brass.
	48-40-6661	70	7	5/8	



<b>FOR STONE OR CONCRETE ♦</b>					
<b>ABRASIVE CUTTING WHEELS</b>	49-92-3220		6	5/8	For cutting stone or concrete. Safety reinforced nylon...bonded of uniform grit and break resistant.
	49-92-4310		7	5/8	
	49-92-4370		7-1/4	Diamond	
	49-92-5000		8	5/8	
	49-92-5005		8	Diamond	
	49-92-5410		10	3/4	

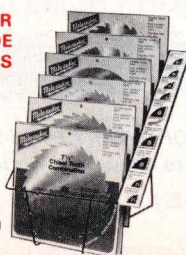


<b>FOR METAL ♦</b>					
<b>ABRASIVE CUTTING WHEELS</b>	49-92-3020		6	5/8	For cutting metal. Safety reinforced nylon...bonded of uniform grit and break resistant.
	49-92-4300		7	5/8	
	49-92-4380		7-1/4	Diamond	
	49-92-5010		8	5/8	
	49-92-5015		8	Diamond	
	49-92-5400		10	3/4	

♦ 5/8" arbor hole with knockout for diamond arbor.

## CIRCULAR SAW BLADE MERCHANDISERS

- **COMPACT**  
Uses less than one square foot of counter space
- **EFFICIENT**  
Hold up to 60 blades
- **FOR COUNTERTOP OR HANG FROM PEGBOARD**



## 6-1/2" Blade Merchandiser NO. 49-22-1190

CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1650	3	MASTER COMB.
48-40-1653	3	CHISEL TOOTH
48-40-1655	3	COMB./RIP
48-40-4650	1	THIN PLY/PANEL
48-40-4655	3	PLYWOOD/PANEL
48-40-5655	3	X-CUT/FLOORING
48-40-7656	1	PLANER

## 7-1/4" Blade Merchandiser NO. 49-22-1200

CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1725	3	MASTER COMB.
48-40-1740	3	COMB./RIP
48-40-1752	3	CHISEL TOOTH
48-40-4720	3	PLYWOOD/PANEL
48-40-4725	1	THIN PLY/PANEL
48-40-5755	3	X-CUT/FLOORING
48-40-7725	1	PLANER

## Assorted Blade Merchandiser NO. 49-22-1210

CATALOG NUMBER	NO. OF BLADES	DESCRIPTION
48-40-1760	2	7-1/2" CHISEL
48-40-1763	2	7-1/2" COMB./RIP
48-40-1812	2	8" CHISEL
48-40-1820	2	8" COMB./RIP
48-40-1822	2	8-1/4" CHISEL
48-40-1825	2	8-1/4" COMB./RIP
48-40-4800	2	8" PLY/PANEL
48-40-4810	1	8" THIN PLY/PANEL
48-40-7800	1	8" PLANER





# HEAVY-DUTY JIG SAWS

DOUBLE INSULATED **FAST** 1" STROKE POWERFUL MILWAUKEE-BUILT MOTORS

**NEW**

**6255**

**CUTTING**

**NEW**

## VARIABLE SPEED

TRIGGER SPEED CONTROL  
0-3100 STROKES PER MIN.

### TRIGGER SPEED CONTROL

Simply depress trigger for various speeds from 0 to 3100 strokes per min. For selecting a preset speed between 0 and 3100 adjust knurled button in trigger switch and depress trigger. Lock button provided.

### EXCLUSIVE • BLADE CLAMP

Simple fast blade changes... secure holding. Screwdriver eliminates need for hex wrench.

### BLADE ROLLER GUIDE

Added saw blade support for more positive cutting action, greater control and less blade breakage.

### CLEAR LINE OF SIGHT

Motor fan clears dust for maximum visibility.

**COUNTER BALANCED** for smoother operation.

**BALL AND ROLLER BEARING CONSTRUCTION**

**6245**

**SINGLE SPEED**

3100 STROKES PER MIN.

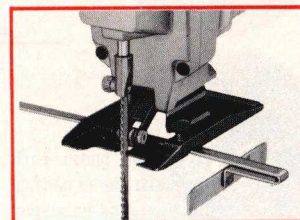


• TOP HANDLE  
HAND CONTOURED  
FOR COMFORT AND  
ACCURATE CONTROL

**NEW**

• **SHOE-TILT ADJUSTMENT**  
Jig Saw, model 6255 only, can be tilted up to 45° in either direction for angle cutting. One screw holds shoe securely.

• **RIP FENCE FOR ACCURATE  
STRAIGHT OR CIRCLE CUTS**  
Optional. Order Accessory  
NO. 49-22-4090



**PADDLE SWITCH**  
for right or left  
hand use.

## SPECIFICATIONS

CATALOG NUMBER	SPEED TYPE	VOLTS AC ONLY	AMPS	STROKES PER MIN.	LENGTH (INS.)	WIDTH (INS.)	HEIGHT (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6255	VARIABLE	120	3.8	0-3100	9-15/16	3-1/2	8-1/2	6	7
6245	SINGLE	120	3.8	3100	9-15/16	3-1/2	5-1/16	4-3/4	5-3/4

STANDARD EQUIPMENT: Includes Jig Saw Blade Card No. 49-22-1166 for wood and metal—a total of 6 blades as listed on page 71.

**STEEL CARRYING CASE**  
NO. 48-55-1076

**FOR SUPERIOR CUTTING SELECT SUPER-TOUGH™ BI-METAL BLADES**



- CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL
- BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes

SEE PAGES 70, 71 FOR COMPLETE BLADE SELECTION

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



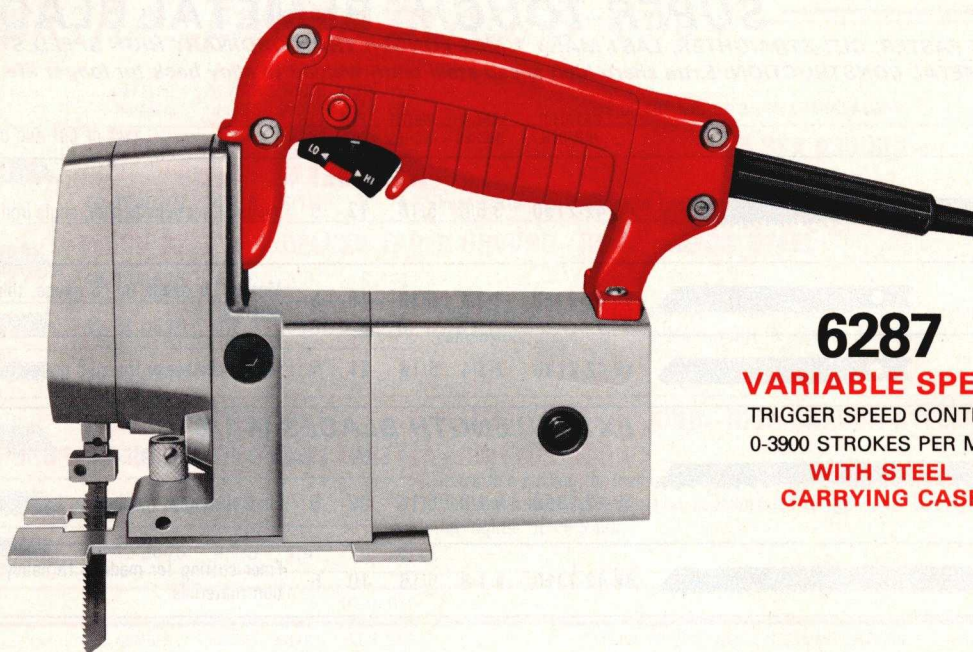


# HEAVY-DUTY JIG SAW

POWERFUL MILWAUKEE-BUILT MOTOR

## FEATURES

- **3/4" BLADE STROKE**
- **SAWDUST BLOWER**  
KEEPS CUTTING  
LINE FREE
- **PIVOTING HEAD**  
Cutting head is adjustable  
—right or left—to full 45°  
angle...calibrated set-  
tings.



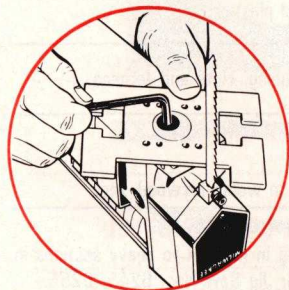
**6287**

## VARIABLE SPEED

TRIGGER SPEED CONTROL  
0-3900 STROKES PER MIN.

WITH STEEL  
CARRYING CASE

- **TURN AND LOCK SHOE**  
Shoe quickly adjusts for  
straight, miter or flush cuts  
...adaptable for sawing  
application.



- **TRIGGER SPEED CONTROL**  
Simply depress trigger for various speeds from  
0 to 3900 strokes per min. For selecting a  
preset speed between 0 and 3900 adjust  
knurled button in trigger switch and depress  
trigger. Lock button provided.

**TYPE "A" GREASE**  
NO. 49-08-0500 1/2 Lb. Can  
NO. 49-08-0800 1 Lb. Can

**STEEL CARRYING CASE**  
(When purchased separately)  
NO. 48-55-1075

ALL BALL AND ROLLER BEARINGS

## SPECIFICATIONS

CATALOG NUMBER	SPEED TYPE	VOLTS	AMPS	STROKES PER MIN.	LENGTH (INS.)	WIDTH (INS.)	HEIGHT (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6287 With Case	<b>VARIABLE</b>	120 AC ONLY	2.3	0-3900	8-1/2	3-1/2	6-1/2	5	14-1/2
6282 Less Case	<b>VARIABLE</b>	120 AC ONLY	2.3	0-3900	8-1/2	3-1/2	6-1/2	5	8

**STANDARD EQUIPMENT:** Includes Jig Saw Blade Card No. 49-22-1166 for wood and metal—a total of 6 blades as listed on page 73. Also included are a combination circle and rip guide, two socket wrenches, an extra blade clamp screw and one No. 48-66-4080 key holder.

## WRENCH AND SCREW KITS

**NO. 49-22-5070** For Jig Saws serial no. 334-1415 and above. Consists of five No. 49-96-0050 3/32" Socket Wrenches for blade clamp, five No. 49-96-0080 3/16" Socket Wrenches for pivoting head and shoe adjustments. Also twenty blade clamp screws No. 06-83-2430.

**NO. 49-22-5060** For Jig Saws below serial no. 334-1415. Consists of five No. 49-96-0060 1/8" Socket Wrenches for blade clamp, five No. 49-96-0080 3/16" Socket Wrenches for pivoting head and shoe adjustments. Also twenty blade clamp screws No. 06-75-1985.







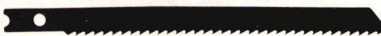














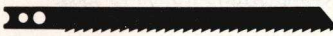

# HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

## SUPER-TOUGH™ BI-METAL BLADES

- CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL
- BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes

	CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH QTY. PER INCH PER PKG.		TYPE OF CUT AND USAGE RECOMMENDATIONS
<b>METAL CUTTING—WAVY SET TAPERED</b>						
	48-42-2190	3-5/8	5/16	12	5	Irregular sections in pipe, angle iron, tubing, fiberglass and structural forms.
	48-42-2120	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, thick conduit, channels, metal tubings and plastics.
	48-42-2160	2-3/4	5/16	21	5	Metals thickness from 18 gauge to 1/8", thinner tubing, slate and formica.
<b>EXTRA LENGTH BLADES (4-1/8")</b>						
<b>WOOD CUTTING—ALTERNATE SET—GENERAL PURPOSE</b>						
	48-42-2300	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
	48-42-2310	4-1/8	5/16	10	5	Finer cutting for medium to heavy sections in wood, plastic and composition materials.

	CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH QTY. PER INCH PER PKG.		TYPE OF CUT AND USAGE RECOMMENDATIONS
<b>METAL CUTTING—HIGH SPEED STEEL</b>						
	48-42-0100 ♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber.
	48-42-0101 ♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber. 25% thicker for most severe applications.
	48-42-0120 ♦	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, tubing and plastics.
	48-42-0140 ♦	2-3/4	5/16	21	5	Metals lighter than 18 gauge, thin wall tubing, slate and formica.
<b>WOOD CUTTING—GENERAL PURPOSE DELUXE—ALTERNATE SET GROUND—HIGH SPEED STEEL</b>						
	48-42-0420	3-5/8	5/16	6	4	Fast cutting in medium to heavy sections in wood, plywood, etc.
<b>WOOD CUTTING—GENERAL PURPOSE—ALTERNATE SET—HIGH CARBON STEEL</b>						
	48-42-0200 ♦	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.
	48-42-0220 ♦	3-1/8	5/16	8	5	Forward angled for smoother aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.
	48-42-0240 ♦	3-1/8	1/4	8	5	Finer cutting in light to medium sections in wood, plywood, formica, plastic and composition materials. Use 1/4" width for tighter scroll work.
<b>WOOD CUTTING—DELUXE TAPER GROUND—HIGH SPEED STEEL</b>						
	48-42-0520 ♦	3-5/8	3/8	6	4	Fast and finer cutting for medium to heavy sections in wood, plywood and composition materials. Use 1/4" width for tighter scroll work.
	48-42-0500 ♦	3-5/8	5/16	6	5	
	48-42-0600	3-5/8	1/4	6	5	
<b>WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH SPEED STEEL</b>						
	48-42-0560 ♦	3-5/8	3/8	10	4	Extra fine cutting in medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
	48-42-0540 ♦	3-5/8	5/16	10	5	
	48-42-0620	3-5/8	1/4	10	5	

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.





# HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

## EXTRA LENGTH BLADES (4-1/8")

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.
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TYPE OF CUT AND USAGE RECOMMENDATIONS

### WOOD CUTTING—GENERAL PURPOSE—DELUXE ALTERNATE SET GROUND—HIGH CARBON STEEL

48-42-0815	4-1/8	5/16	6	4	Fast cutting in medium to heavy sections in wood, plywood, etc.
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### WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL

48-42-0825	4-1/8	3/8	6	4
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48-42-0820	4-1/8	5/16	6	5
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48-42-0840	4-1/8	1/4	6	5
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Fast, smooth cutting for medium to heavy sections in wood, plywood, and composition materials. Use 1/4" width for tighter scroll work.

### WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH CARBON STEEL

48-42-0835	4-1/8	3/8	10	4
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48-42-0830	4-1/8	5/16	10	5
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48-42-0845	4-1/8	1/4	10	5
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Extra fine cutting for medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER PKG.
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TYPE OF CUT AND USAGE RECOMMENDATIONS

### WOOD CUTTING—ALTERNATE SET SKIP TOOTH—ABRASIVE MATERIALS—HIGH SPEED STEEL

48-42-0850	3-5/8	5/16	8	5
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48-42-0860	3-5/8	1/4	8	5
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Skip tooth provides extra chip clearance for cutting in fiberglass, tough abrasive materials, non-ferrous metals, synthetics, and plaster board. Use 1/4" width for tighter scroll work.

### WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL

48-42-0640 ♦	3-1/8	1/4	12	5
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Reverse tooth for smooth finish on top surface. Saws plywood, formica, veneer, plastics, etc. Use 1/4" width for tighter scroll work.

### WOOD CUTTING—SPECIAL FLUSH CUTTING—HIGH CARBON STEEL

48-42-0300	3-5/8	STEP BLADE	8	4
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General purpose for cutting heavier sections, saws up to a wall. Not recommended for Jig Saw No. 6245 or No. 6255.

### WOOD CUTTING—DELUXE ALTERNATE SET—HIGH SPEED STEEL

48-42-0400	3-1/8	5/16	6	5
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Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc. Not recommended for Jig Saw Nos. 6245, 6255.

### WOOD CUTTING—DELUXE WAVY SET TAPER GROUND—HIGH CARBON STEEL

48-42-0650	2-3/4	5/32	12	5
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Special wavy set extra thin for tight smooth scroll work.

### KNIFE CUTTING—HIGH CARBON STEEL

48-42-0700	2-1/2	KNIFE	0	5
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Cuts insulating material, leather, rubber, cardboard, sponge, felt, etc.

### ABRASIVE MATERIALS—MEDIUM GRIT TUNGSTEN CARBIDE

48-42-0800	2-7/8	3/8	0	4
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Cuts plywood, hardwood veneer, fiberglass, (polyester, epoxies, melamines, etc.) ceramic tile, cast stone, slate, clay pipe, carbon, brick and chalkboard.

48-42-0810	4	STEP BLADE	0	4
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Same as above. Blade cuts flush to the wall. Not recommended for Jig Saw No. 6245 or No. 6255.

♦See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

### JIG SAW BLADE CARD NO. 49-22-1166

Same as furnished with each jig saw. Consists of one each Nos. 48-42-0120, 2190) for metal, No. 48-42-0650 for wood and Nos. 48-42-0815, 0835, 2300) extra long 4-1/8" for wood—a total of six blades.



### JIG SAW BLADE MERCHANDISER NO. 49-22-1067

Attractive red, white and black header sign on a sturdy red metal frame. 24 product hooks will hold over 100 packages of MILWAUKEE Jig Saw Blades. Complete with 54 packages of blades below.

CATALOG NUMBER	NO. OF PKGS.	CATALOG NUMBER	NO. OF PKGS.	CATALOG NUMBER	NO. OF PKGS.
48-42-0100	4	48-42-0400	2	48-42-0640	2
48-42-0101	4	48-42-0420	2	48-42-0650	2
48-42-0120	4	48-42-0500	2	48-42-0700	1
48-42-0140	4	48-42-0520	2	48-42-0800	1
48-42-0200	3	48-42-0540	2	48-42-0810	1
48-42-0220	3	48-42-0560	2	48-42-0850	2
48-42-0240	3	48-42-0600	2	48-42-0860	2
48-42-0300	2	48-42-0620	2		





# HEAVY-DUTY ORBITAL SANDERS

EXCLUSIVE DUST PICK UP KIT AVAILABLE FOR MODEL 6014  
TWO MODELS

**6012** Use 1/3 of Standard 9" x 11" Sandpaper

**6014** Use 1/2 of Standard 9" x 11" Sandpaper



**DUST PICK UP KIT NO. 48-09-0300**  
(ONLY FOR USE WITH 6014 SANDER)

- 12,000 ORBITS/MIN — FOR FAST REMOVAL — BLEMISH FREE SURFACES
- FOR CONTINUOUS PRODUCTION USE • BALL BEARINGS
- DESIGNED FOR 1 OR 2 HAND CONTROL • THUMB SLIDE SWITCH
- STRONG, DURABLE 40% GLASS REINFORCED NYLON HOUSING AND HANDLES
- SPECIALLY ENGINEERED AND PRECISION MACHINED FOR LOW VIBRATION
- AMPLE RESERVE POWER FOR HEAVY SANDING

FLUSH SANDING ON 3 SIDES

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHIP. WGT. LBS.
6012	120	5	W/Felt Pad 3-5/8" x 7-3/8"	12,000	1/8	10-1/2	3-5/8	7	6	7
6014	120	5	W/Felt Pad 4-1/2" x 9-1/4"	12,000	1/8	11-1/2	4-1/2	7	7	8



**DUST PICK UP KIT NO. 48-09-0300**  
(ONLY FOR USE WITH NO. 6014 SANDER)

## FAST

1. TAKE NO. 6014 SANDER
2. SNAP ON DUST PICK UP KIT
3. READY FOR SANDING IN 10 SECONDS!

ILLUSTRATED: NO. 6014 SANDER WITH DUST PICK UP KIT ATTACHED

**STEEL CARRYING CASE**  
Available for both models  
**NO. 48-55-0740**



**ACCESSORY**  
**RUBBER BACKING PAD KIT NO. 49-22-0050**  
(3-5/8" x 7-3/8") Fits No. 6012 only.





# HEAVY-DUTY BELT SANDERS

**NEW POWERFUL 10 AMP BELT SANDER FOR FAST MATERIAL REMOVAL  
WITH EFFICIENT BUILT IN DUST COLLECTION VACUUM SYSTEM**

SEPARATE STRAIN  
RELIEF CORD  
FEATURE

**MODEL  
5935** 4" x 24"

DOUBLE INSULATED

**SUPERIOR BELT TRACKING** keeps  
correct tension and tracking

**SANDS FLUSH**

**NEW**

SWITCH  
with lock-on  
control

BELT RELEASE LEVER FOR QUICK BELT CHANGE

ZIPPERED BAG  
for fast empty  
(Quarter-turn  
releases bag)

- WEIGHT IS CENTERED DIRECTLY OVER BASE FOR CONTROL/BALANCE
- RUBBER COATED REAR PULLEY FOR FULL TRACTION UNDER HEAVY PRESSURE

- BELT DRIVE MINIMIZES GEAR MAINTENANCE
- POSITIVE BRUSH STOP...PREVENTS SPRING FROM DAMAGING COMMUTATOR
- INDEPENDENT VENTILATING AND EXHAUST FAN
- STRONG FIBERGLASS CONSTRUCTION
- NO OIL

## SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
<b>5935</b>	1400	4"	120	10	14-1/2	17-1/2

STANDARD EQUIPMENT: (1) 36 grit sanding belt.

## BELT SANDERS WITH FAST CONVERSION TO DUST COLLECTION SYSTEM

**2 MODELS**  
**5900** 3" x 24"  
**5910** 4" x 24"

• **4" MODEL  
SANDS FLUSH**

- BELT DRIVE MINIMIZES GEAR MAINTENANCE
- EASY TO CHANGE BELT
- NO OIL
- SIMPLE POSITIVE ADJUSTMENT OF TRACKING
- POSITIVE BRUSH STOP...PREVENTS SPRING FROM DAMAGING COMMUTATOR
- HEAVY-DUTY WEAR PLATE FOR LONG LIFE

## SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
<b>5900</b>	1700	3"	120	9.5	15-3/4	19
<b>5910</b>	1700	4"	120	9.5	16	19

STANDARD EQUIPMENT: Nos. 5900 and 5910 are furnished with (1) 120 grit sanding belt.

## DUST PICK-UP KITS

**NO. 48-09-0100** FOR 5900 SANDER  
**NO. 48-09-0200** FOR 5910 SANDER

Kits consist of vacuum bag, rear motor housing cover, bolt, vacuum heel and gasket. Order proper kit for 3" or 4" model.

## VACUUM HOSE KIT FOR 5900 OR 5910 SANDER

**NO. 48-09-0210** Consists of 30' hose; 49-90-1760, with 1-1/2" cuff for easy attachment to any MILWAUKEE Vacuum Cleaner (see pages 40, 41), rear motor housing cover, gasket, bolt, tube assembly, 3" and 4" vacuum heel.

## SANDING BELTS FOR BELT SANDERS

CATALOG NUMBER	SIZE	BELTS PER PKG.	GRIT	TYPE	USE
<b>49-37-3036</b>	3 x 24	10	36	<b>COARSE</b>	For fast sanding of wood and non-ferrous material.
<b>49-37-4036</b>	4 x 24	10	36		
<b>49-37-3060</b>	3 x 24	10	60	<b>MEDIUM</b>	For general smoothness of wood or metal
<b>49-37-4060</b>	4 x 24	10	60		
<b>49-37-3120</b>	3 x 24	10	120	<b>FINE</b>	For finish work on wood or metal.
<b>49-37-4120</b>	4 x 24	10	120		





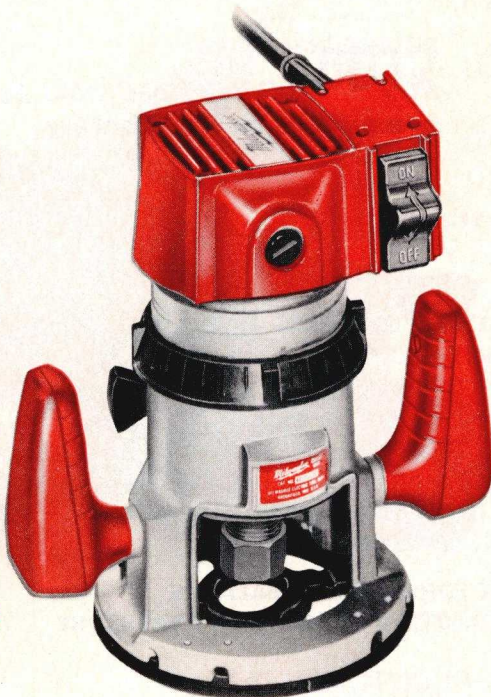
# HEAVY-DUTY ROUTERS

POWERFUL, LIGHTWEIGHT, FOR EXTRA HEAVY-DUTY JOBS

**5620**  
1.00 HP  
8 AMPS

**5660**  
1.50 HP  
10 AMPS

**5680**  
2.00 HP  
12 AMPS



- **FUNCTIONAL TRIGGER-HANDLE GROUPING**
- **OUT-OF-WAY ELECTRIC CORD**
- **FLAT TOP FOR STEADY POSITIONING**

For changing bits, removing base or measuring bit for depth of cut.

- **ACCURATE SIMPLE DEPTH ADJUSTMENT**  
Adjusting ring, marked in 1/64" graduations, permits friction-free operation with locking device to maintain depth-of-cut.
- **HEAVY-DUTY SUB BASE**  
With large openings for maximum visibility.

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAXIMUM TOOL POWER OUTPUT H.P.	NO LOAD SPEED RPM	COLLET CAPACITY	SUB BASE DIA.	OVER-ALL HGT.	NET WGT. LBS.	SHP. WGT. LBS.
5620	120	8	1.00	23,000	1/4"-3/8"	6"	8"	8	10
5660★	120	10	1.50	24,500	1/4"-3/8"-1/2"	6"	8"	8-1/2	11
5680	120	12	2.00	26,000	1/4"-3/8"-1/2"	6"	8"	8-3/4	11-1/4

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

### STANDARD EQUIPMENT

1.00 H.P. ROUTER model 5620 includes a 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070), a 1" open end wrench (No. 49-96-4075) and router base (No. 48-10-0070).

1.50 H.P. ROUTER model 5660 includes a 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

2.00 H.P. ROUTER model 5680 includes a 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

### STEEL CARRYING CASE FOR MILWAUKEE ROUTERS NO. 48-55-0810



**MOTOR**



### MOTORS ONLY (Less Router Base)

#### NO. 5610 Motor for 1.00 H.P. Unit

Includes 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070) and a 1" open end wrench (No. 49-96-4075).

#### NO. 5650 ★ Motor for 1.50 H.P. Unit

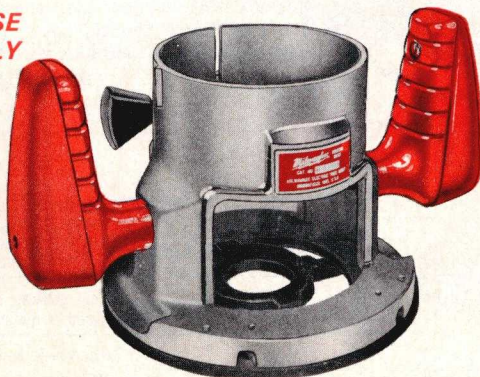
Includes 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

★ Available in 240 Volts AC. Add -2 after Catalog Number when ordering. See price sheet.

#### NO. 5670 Motor for 2.00 H.P. Unit

Includes 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

**BASE  
ASSEMBLY**



**BASE ASSEMBLY ONLY NO. 48-10-0070** For 1.00, 1.50 and 2.00 H.P. units. Base includes 2 handles, sub base and wing lock nut.

**SELECT**  
*Milwaukee*  
**SUPERIOR**  
• **SOLID CARBIDE**  
• **CARBIDE TIPPED**  
**ROUTER BITS**

For • **FASTEST RATE OF FEED**





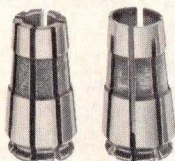
# HEAVY-DUTY ROUTER ACCESSORIES

## COLLETS FOR MILWAUKEE ROUTERS

### FOR 1.00 H.P. MODEL

1/4"

3/8"



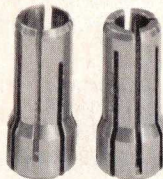
1/4" COLLET  
NO. 48-66-0980 \*

3/8" COLLET  
NO. 48-66-0990 \*

\* For **CURRENT** 1.00 H.P. Model  
with serial no. above 451-12247.

1/4"

3/8"



1/4" COLLET  
NO. 48-66-0930

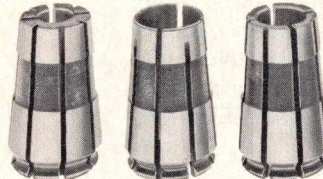
3/8" COLLET  
NO. 48-66-0940

### FOR 1.50 and 2.00 MODELS

1/4"

3/8"

1/2"



1/4" COLLET  
NO. 48-66-0985 \*

3/8" COLLET  
NO. 48-66-1000 \*

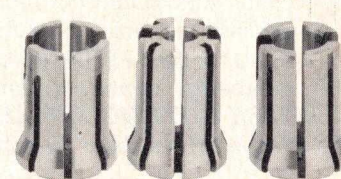
1/2" COLLET  
NO. 48-66-1010 \*

\* For **CURRENT** 1.50 H.P. Model  
with serial no. above 452-19550  
and **CURRENT** 2.00 H.P. Model  
with serial no. above 608-2566.

1/4"

3/8"

1/2"



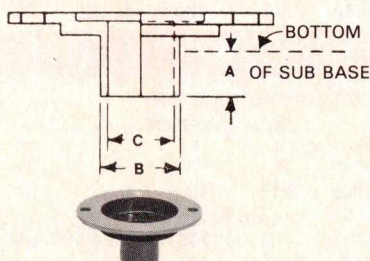
1/4" COLLET  
NO. 48-66-0945

3/8" COLLET  
NO. 48-66-0950

1/2" COLLET  
NO. 48-66-0955

## GENERAL TEMPLATE GUIDES AND HINGE BUTT GUIDE

For 1.00, 1.50 and 2.00 H.P. Routers (Includes 2 screws)

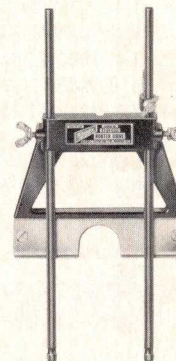


TEMPLATE	DIMENSIONS			NUMBER
	A	B	C	
GENERAL	5/16	1/4	3/16	49-54-0500
GENERAL	3/16	3/8	5/16	49-54-0510
GENERAL	5/16	7/16	3/8	49-54-0520
GENERAL	3/16	5/8	9/16	49-54-0530
HINGE BUTT	7/16	5/8	9/16	49-54-0550

## ROUTER GUIDE

NO. 49-54-0200

For straight cuts. Includes  
Trammel Point Assembly.



## TRAMMEL POINT ASSEMBLY

NO. 49-54-0210

For cutting  
circles.



## VENEER TRIM KIT

NO. 49-54-0300

For cutting hard plastic laminates. Comes complete with base, mounting screws, combination straight and bevel trim bit and extra nylon guide.



## OPEN END WRENCHES (See Standard Equipment)

7/8" OPEN END WRENCH NO. 49-96-4070

1" OPEN END WRENCH NO. 49-96-4075

1-1/8" OPEN END WRENCH NO. 49-96-4080

1-1/4" OPEN END WRENCH NO. 49-96-4100

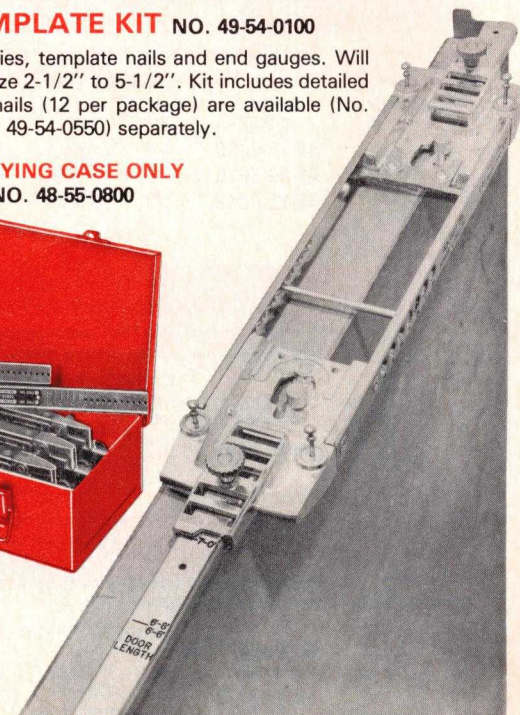
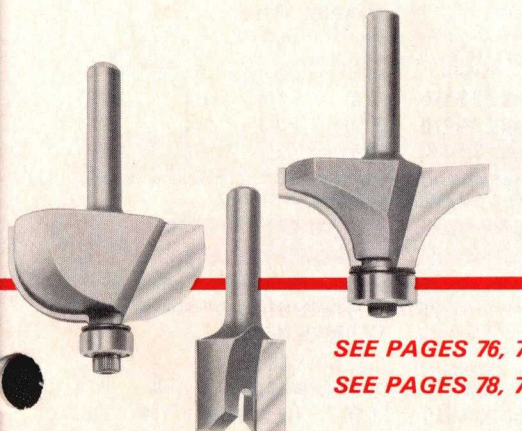
## DOOR AND JAMB BUTT TEMPLATE KIT NO. 49-54-0100

Includes carrying case, template, link rail assemblies, template nails and end gauges. Will mortise any 6' 6", 6' 8" or 7' door and any hinge size 2-1/2" to 5-1/2". Kit includes detailed instructions for proper use. Additional template nails (12 per package) are available (No. 49-54-0600). Order hinge butt template guide (No. 49-54-0550) separately.

CARRYING CASE ONLY  
NO. 48-55-0800



SEE PAGES 76, 77 for CARBIDE BITS  
SEE PAGES 78, 79 for HIGH SPEED STEEL BITS



PRECISION CUTTING • EXTENDED BIT LIFE





# HEAVY-DUTY ROUTER BITS

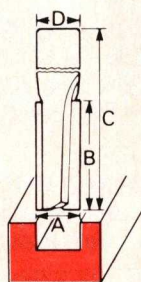
## SOLID CARBIDE and CARBIDE-TIPPED

FOR **SUPERIOR** PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

**SUPERIOR** MILWAUKEE SOLID CARBIDE and CARBIDE TIPPED router bits **OUTLAST** High Speed Steel bits. Manufactured under exacting supervision, using latest technology, each bit has been carefully evaluated for **FASTEST** rate of feed and **LONG LIFE**. Bit geometry, contours, carbide bonding produce **PRECISE CUTTING ANGLES**. MILWAUKEE's best bit for the professional craftsmen.

### STRAIGHT BITS—TWO FLUTES

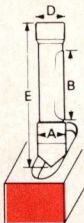
For all general purpose routing (rabbeting, grooving, da-doing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
<b>1/4" SHANK</b>				
48-23-5055	1/4	3/4	2	1/4
48-23-5056	1/4	1	2-1/4	1/4
48-23-5057	1/4	1	2-7/8	1/4
48-23-5065	5/16	1	2-1/4	1/4
48-23-5070	3/8	1	2-1/4	1/4
48-23-5080	1/2	1	2-1/8	1/4
48-23-5085	9/16	3/4	2-1/8	1/4
48-23-5090	5/8	3/4	2	1/4
48-23-5100	3/4	3/4	2	1/4
<b>1/2" SHANK</b>				
48-23-5135	3/8	1	2-3/4	1/2
48-23-5140	1/2	1	2-5/8	1/2
48-23-5141	1/2	1-1/4	2-7/8	1/2
48-23-5142	1/2	2	4-1/4	1/2
48-23-5144	1/2	1-1/2	3-1/8	1/2
48-23-5150	3/4	1-1/4	2-7/8	1/2
48-23-5155	7/8	1-1/4	2-7/8	1/2
48-23-5160	1	1-1/4	2-7/8	1/2

### COMBINATION PILOT PANEL BITS WITH DRILL POINTS—SINGLE FLUTE

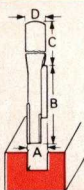
For trimming veneer and for template panel routing.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	D IN.	E IN.
48-23-6000	1/4	3/4	1/4	2-1/2
48-23-6020	3/8	1	3/8	3
48-23-6040	1/2	1-3/16	1/2	3-1/2

### STAGGER TOOTH STRAIGHT BIT

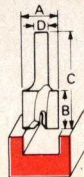
Excellent for cut outs. This design gives the bit two flute balance with single flute cutting speed.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-5143	1/2	2	2-1/4	1/2

### HINGE MORTISING BIT

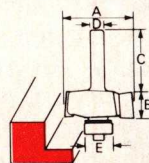
Fast cutting bit for making mortises when cut is started from edge of work.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-6100	1/2	3/4	1-3/4	1/4

### RABBETING BITS

With pilot. For making rabbeting cuts without use of router guide. Carbide tip bit has replaceable ball bearing pilot.

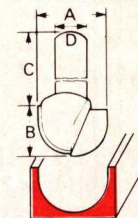


CATALOG NUMBER	CARBIDE TIPPED				
	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.
48-23-6400	3/8	1-1/4	1/2	1-1/8	1/4
48-23-6440	3/8	1-1/4	1/2	1-1/2	1/2

Replacement Ball Bearing 49-54-1060...By substituting Bearing 49-54-1070, rabbet depth can be increased to 1/2".

### CORE BOX BITS—TWO FLUTES

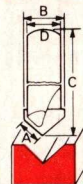
Especially effective in fluting flat surfaces (mantels and facades).



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-5600	1/4	5/32	1-1/8	1/4
48-23-5610	1/2	3/8	1-1/8	1/4
48-23-5620	5/8	.417	1-1/8	1/4
48-23-5630	3/4	.465	1-1/8	1/4
48-23-5640	3/4	.465	1-1/2	1/2

### V-GROOVING BITS

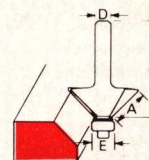
Excellent for lettering and sign work.



CATALOG NUMBER	SOLID CARBIDE			
	A IN.	B IN.	C IN.	D IN.
48-23-8200	3/16	1/4	1-1/2	1/4
CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-8210	1/2	3/8	1-3/4	1/4
48-23-8230	1/2	1/2	1-3/4	1/4

### 45° CHAMFERING BITS—TWO FLUTES

With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

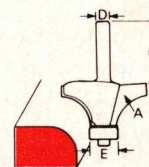


CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	C IN.	D IN.	E IN.
48-23-6200	1/2	1-5/8	1/4	3/8
48-23-6240	1/2	2	1/2	3/8

Replaceable Bearing 49-54-1090.

### CORNER ROUNDING BITS

With pilot. For decorative edging and for drop leaf table joints. Carbide tip bits have replaceable ball bearing pilot.

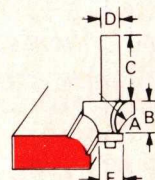


CATALOG NUMBER	CARBIDE TIPPED			
	A IN. RADIUS	C IN.	D IN.	E IN.
48-23-5410	1/4	1-1/4	1/4	1/2
48-23-5420	5/16	1-3/8	1/4	1/2
48-23-5430	3/8	1-1/4	1/4	1/2

Replaceable Bearing 49-54-1060...Converts to Beading Bit by substituting Bearing 49-54-1070.

### BEADING BITS—TWO FLUTES

With pilot. For decorative furniture. Pilot guides router along edge of work. Carbide tip bits have replaceable ball bearing pilot.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN. RADIUS	B IN.	C IN.	D IN.
48-23-5510	3/16	1/2	1-1/4	1/4
48-23-5520	1/4	1/2	1-1/8	1/4
48-23-5525	5/16	1/2	1-3/8	1/4
48-23-5530	3/8	5/8	1-1/8	1/4

Replaceable Bearing 49-54-1070...Convert to Corner Rounding Bit by substituting Bearing 49-54-1060.





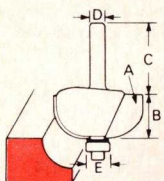
# HEAVY-DUTY ROUTER BITS

## SOLID CARBIDE and CARBIDE TIPPED

FOR **SUPERIOR** PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

### COVE BITS—TWO FLUTES

With pilot. For decorative edging and for drop leaf joints.



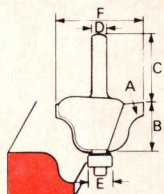
#### CARBIDE TIPPED

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-5700	1/4	33/64	1-1/8	1/4	3/8
48-23-5710	3/8	33/64	1-1/8	1/4	3/8
48-23-5720	1/2	23/32	1-1/8	1/4	3/8

Replaceable Bearing 49-54-1090.

### ROMAN OGEE BITS

With pilot. For decorative furniture. Pilot guides router along edge of work.



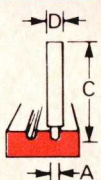
#### CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-5800	5/32	5/8	1-1/8	1/4	3/8	1
48-23-5810	1/4	.787	1-1/8	1/4	3/8	1-3/8

Replaceable Bearing 49-54-1090.

### PROVINCIAL DESIGN VEINER BITS

Most practical for veining designs on panels, cabinet doors and furniture.

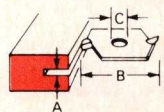


#### SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5295	1/8	1-1/2	1/4
48-23-5300	3/16	1-1/2	1/4

### TWO WING SLOTTING CUTTERS

Used for slotting plywoods and core boards for "T" moldings.

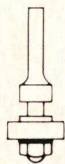


#### CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8000	1/16	1-7/8	5/16
48-23-8005	5/64	1-7/8	5/16
48-23-8020	3/32	1-7/8	5/16
48-23-8030	1/4	1-7/8	5/16

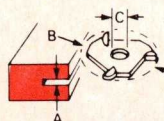
NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR  
NO. 48-23-8050

Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.



### THREE WING SLOTTING CUTTERS

Used for slotting plywoods and core boards for "T" moldings.

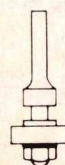


#### CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8100	1/16	1-7/8	5/16
48-23-8110	5/64	1-7/8	5/16
48-23-8120	3/32	1-7/8	5/16
48-23-8130	1/8	1-7/8	5/16

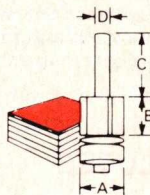
NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR  
NO. 48-23-8050

Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.



### HELIX LAMINATE TRIMMERS

Designed to force the laminate against backing for chip free cuts—eliminates surface flake out. Replaceable ball bearing pilot.



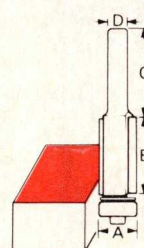
#### CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	C IN.	D IN.
48-23-6700	Flush	3/4	5/8	1	1/4
48-23-6710	15°	3/4	3/8	1	1/4

Replaceable Bearing 49-54-1050.

### FLUSH TRIM BITS TWO FLUTES—BALL BEARING

#### CARBIDE TIPPED

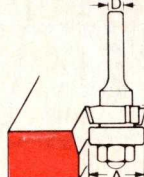


CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-6500	3/8	1/2	1-1/4	1/4
48-23-6505	3/8	1	1-1/2	1/4
48-23-6520	1/2	1	1-1/2	1/4
48-23-6540	1/2	1	2	1/2

Replaceable Bearing 49-54-1090 for 48-23-6500 and 48-23-6505. Replaceable Bearing 49-54-1060 for 48-23-6520 and 48-23-6540.

### FOUR WING LAMINATE CUTTERS

#### CARBIDE TIPPED

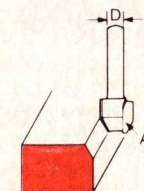


CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	D IN.
48-23-6600	0°	3/8	1/4	1/4
48-23-6610	15°	3/8	1/4	1/4

Replaceable Bearing 49-54-1080.

### COMBINATION STRAIGHT AND 23° BEVEL TRIM BIT

Combines 23° bevel trim and flush trim cuts in one bit.

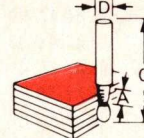


#### CARBIDE TIPPED

CATALOG NUMBER	A DEGREES	D IN.
48-23-6715	23	1/4

### 7° BEVEL TRIMMER

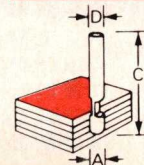
#### SOLID CARBIDE



CATALOG NUMBER	A DEGREES	C IN.	D IN.
48-23-5195	7	1-1/2	1/4

### FLUSH TRIM BIT

With pilot. Produces square, flush edge on plastic laminates.



#### SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5235	1/4	1-1/2	1/4



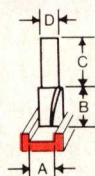


# HEAVY-DUTY ROUTER BITS HIGH SPEED STEEL

MILWAUKEE HIGH SPEED STEEL ROUTER BITS are a select line, made from high-speed, heat treated, tool steel. Each bit has been carefully evaluated and approved for routing applications with MILWAUKEE routers. Double-ground edges, consistent matching contours, high speed geometry and critical hardness control all add up to maximum accuracy and economy.

## STRAIGHT BITS — TWO FLUTES

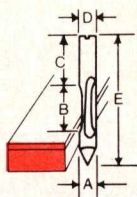
For all general purpose routing (rabbeting, grooving, da-doing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0050	1/4	5/8	1	1/4
48-23-0060	5/16	3/4	1-1/4	1/4
48-23-0070	3/8	3/4	1	1/4
48-23-0080	1/2	3/4	1	1/4
48-23-0085	9/16	1	1-1/4	1/4
48-23-0090	5/8	5/8	1	1/4
48-23-0100	3/4	5/8	1	1/4

## COMBINATION PILOT PANEL BITS WITH DRILL POINTS — SINGLE FLUTE

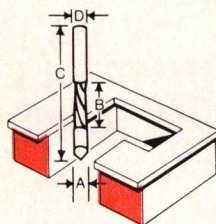
For trimming veneer and for template panel routing.



HIGH SPEED STEEL					
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-1010	1/4	3/4	1	1/4	2-5/8
48-23-1015	3/8	7/8	1	3/8	3

## DOWN SPIRAL PILOT PANEL BITS WITH DRILL POINTS

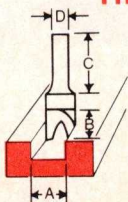
For cutting aluminum sheet, plywood, wall panels insulation sheathing and other synthetic materials.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1020	1/4	3/4	2-5/8	1/4
48-23-1025	3/8	7/8	3-1/2	3/8
48-23-1030	1/2	1-3/4	4-1/2	1/2

## HINGE MORTISING BITS

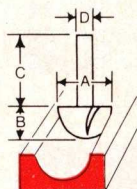
Fast cutting bit for making mortises when cut is started from edge of work.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1100	3/8	7/16	1-1/8	1/4
48-23-1120	1/2	3/4	1-5/16	1/4

## CORE BOX BITS — TWO FLUTES

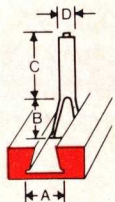
Especially effective in fluting flat surfaces (mantels and facades).



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0200	1/4	1/4	1	1/4
48-23-0210	3/8	1/4	1	1/4
48-23-0220	1/2	11/32	1	1/4
48-23-0230	5/8	3/8	1	1/4
48-23-0240	3/4	15/32	1	1/4

## DOVETAIL BIT

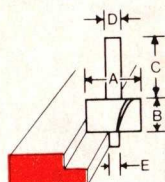
For making dovetail.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1310	9/16	17/32	1-3/32	1/4

## RABBETING BITS

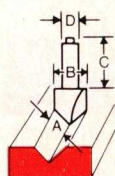
With pilot. For making rabbeting cuts without use of router guide.



HIGH SPEED STEEL					
CATALOG NUMBER	RABBIT DEPTH IN.	A IN.	B IN.	C IN.	D IN.
48-23-1400	1/4	11/16	7/16	1	1/4
48-23-1410	3/8	15/16	1/2	1	1/4

## V-GROOVING BITS

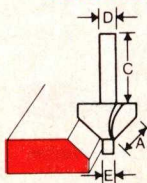
Excellent for lettering and sign work.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-0600	3/8	1/2	1	1/4
48-23-0610	7/8	1-1/8	1	1/4

## CHAMFERING BIT — TWO FLUTES

With pilot. For decorative edging and making concealed joints.



HIGH SPEED STEEL				
CATALOG NUMBER	A IN.	C IN.	D IN.	E IN.
48-23-1200	1/2	1	1/4	3/16



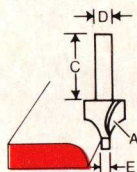


# HEAVY-DUTY ROUTER BITS

## HIGH SPEED STEEL

### CORNER ROUNDING BITS

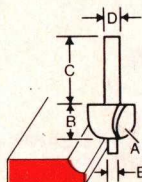
With pilot. For decorative edging and for drop leaf table joints.



CATALOG NUMBER	HIGH SPEED STEEL				
	A IN. RADIUS	C IN.	D IN.	E IN.	
48-23-0410	1/4	1	1/4	3/16	
48-23-0430	3/8	1	1/4	3/16	
48-23-0440	1/2	1	1/4	3/16	

### COVE BITS—TWO FLUTES

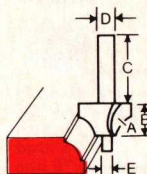
With pilot. For decorative edging and for drop leaf table joints.



CATALOG NUMBER	HIGH SPEED STEEL				
	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0310	1/4	1/2	1	1/4	3/16
48-23-0320	3/8	5/8	1	1/4	3/16
48-23-0330	1/2	3/4	1	1/4	3/16

### BEADING BITS—TWO FLUTES

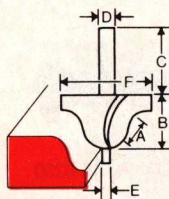
With pilot. For decorative furniture. Pilot guides router along edge of work.



CATALOG NUMBER	HIGH SPEED STEEL				
	A RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-0500	1/16	3/16	1	1/4	3/16
48-23-0510	1/8	3/8	1	1/4	3/16
48-23-0520	1/4	1/2	1	1/4	3/16
48-23-0530	3/8	3/4	1	1/4	3/16

### ROMAN OGEE BITS

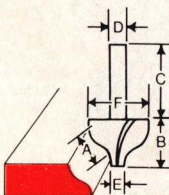
With pilot. For decorative furniture. Pilot guides router along edge of work.



CATALOG NUMBER	HIGH SPEED STEEL					
	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0800	5/32	1/2	1	1/4	3/16	15/16
48-23-0810	1/4	3/4	1	1/4	3/16	1-3/16

### OGEE BITS

For decorative cuts. Clamp straight edge or template on the work and use as a guide for the outside edge of router base.



CATALOG NUMBER	HIGH SPEED STEEL					
	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-0900	3/16	5/8	1	1/4	3/16	13/16
48-23-0910	9/32	29/32	1	1/4	3/16	1-3/16

### ROUTER BIT MERCHANDISER

NO. 49-22-0100 Attractive red, white and black header sign on a sturdy metal frame. 24 product hooks will hold over 100 packages of MILWAUKEE Router Bits. Complete with 24 packages of bits as listed below.



CATALOG  
NUMBER

DESCRIPTION

48-23-0050	1/4 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0070	3/8 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0080	1/2 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0100	3/4 IN. TWO FLUTES STRAIGHT BIT—High Speed Steel
48-23-0220	1/2 IN. TWO FLUTES CORE BOX BIT—High Speed Steel
48-23-0320	3/8 IN. TWO FLUTES COVE BIT—High Speed Steel
48-23-0430	3/8 IN. CORNER ROUNDING BIT—High Speed Steel
48-23-0520	1/4 IN. TWO FLUTES BEADING BIT—High Speed Steel
48-23-0600	3/8 IN. V-GROOVING BIT—High Speed Steel
48-23-0810	1/4 IN. ROMAN OGEE BIT—High Speed Steel
48-23-0910	9/32 IN. OGEE BIT—High Speed Steel
48-23-1010	1/4 IN. COMBINATION PILOT PANEL BIT—High Speed Steel
48-23-1020	1/4 IN. DOWN SPIRAL PILOT PANEL BIT—High Speed Steel
48-23-1120	1/2 IN. HINGE MORTISING BIT—High Speed Steel
48-23-1200	1/2 IN. TWO FLUTES CHAMFERING BIT—High Speed Steel
48-23-1310	9/16 IN. DOVETAIL BIT—High Speed Steel
48-23-1410	3/8 IN. RABBETTING BIT—High Speed Steel
48-23-5055	1/4 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5070	3/8 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5080	1/2 IN. TWO FLUTES STRAIGHT BIT—Carbide Tipped
48-23-5235	1/4 IN. FLUSH TRIM BIT—Solid Carbide
48-23-5295	1/8 IN. PROVINCIAL DESIGN VEINER BIT—Solid Carbide
48-23-6020	3/8 IN. COMBINATION PILOT PANEL BIT—Carbide Tipped
48-23-6100	1/2 IN. HINGE MORTISING BIT—Carbide Tipped





# HEAVY-DUTY 4-1/2" and 5" SANDER/GRINDERS

POWERFUL LIGHTWEIGHT COMPACT 10,000 RPM

4-1/2" DIAMETER 5.5 AMP

**6145** 10,000 RPM



5" DIAMETER 5.5 AMP

**6146** 10,000 RPM



SPECIAL SLIP CLUTCH  
POWERFUL 5.5 AMP MOTOR  
5" DISC FOR FASTER  
MATERIAL REMOVAL

## FEATURES COMMON TO BOTH 4-1/2" AND 5" SANDER/GRINDERS

### PADDLE SWITCH

- Non-conductive switch cover for greater operator safety
- Conveniently mounted for one hand operation

### BRUSH HOUSING

- Extends brush life more than conventional units
- Easily accessible

### SINGLE SCREW GUARD

- REMOVABLE SIDE HANDLE
- For right or left handed operation

DOUBLE INSULATED  
ALL BALL AND ROLLER BEARINGS  
ALUMINUM GEAR HOUSING  
MADE IN U.S.A.

■ SANDER/GRINDER MAY BE CONVERTED TO A SANDER BY USING SANDER ACCESSORIES SHOWN ON PAGE 81

## SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE SIZE ▲	LENGTH	NET WEIGHT	SHIPPING WEIGHT
6145★●	10,000	4-1/2"	120	5.5	.75	1/2"-13	10-1/2"	4-1/2 lbs.	6-1/4 lbs.
6146●	10,000	5"	120	5.5	.75	1/2"-13	10-1/2"	5 lbs.	7 lbs.

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.

● When used as a grinder, guard must be used for O.S.H.A. compliance.

▲ Flange designed to accommodate 7/8" hub depressed center wheel.

**STANDARD EQUIPMENT FOR NO. 6145:** Grinding wheel guard assembly No. 49-12-0320. One 4-1/2" x 1/4" x 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3300. 3/4" open end wrench No. 49-96-4078 and spanner wrench No. 49-96-7200. Flange No. 49-05-0040 and flange nut no. 49-05-0050. Side handle No. 49-15-0250.

**STANDARD EQUIPMENT FOR NO. 6146:** Grinding wheel guard assembly No. 49-12-0330. One 5" x 1/4" x 7/8" 24 grit aluminum oxide grinding wheel No. 49-94-3340. 3/4" open end wrench No. 49-96-4078 and spanner wrench No. 49-96-7200. Flange No. 49-05-0070 and flange nut No. 49-05-0050. Side handle No. 49-15-0250.



## 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES

STEEL  
CARRYING  
CASE  
NO. 48-55-0885



SPANNER WRENCH  
NO. 49-96-7200



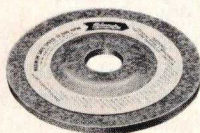
3/4" WRENCH  
NO. 49-96-4078



SIDE HANDLE  
NO. 49-15-0250

TYPE "G" GREASE NO. 49-08-4140 1 LB. CAN

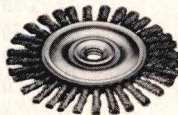
FOR COMPLETE LINE 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES SEE PAGE 81



GRINDING DISCS



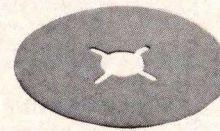
CUP WIRE  
BRUSHES



KNOT  
WIRE WHEELS



BACKING  
PADS



ABRASIVE  
SANDING DISCS



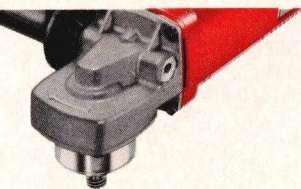


# HEAVY-DUTY ACCESSORIES

FOR USE WITH 4-1/2" NO. 6145 AND 5" NO. 6146 SANDER/GRINDERS

## NOTE:

THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS AND ANY ACCESSORY USED, MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.



USE GUARD  
NO. 49-12-0320 for 4-1/2" Grinder  
NO. 49-12-0330 for 5" Grinder



USE FLANGE  
NO. 49-05-0040 for 4-1/2" Grinder  
NO. 49-05-0070 for 5" Grinder

## REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

ALUMINUM OXIDE DISCS FOR METAL

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3300	24 GRIT	4-1/2" x 1/4"
NO. 49-94-3310	24 GRIT	4-1/2" x 1/8"
NO. 49-94-3340	24 GRIT	5" x 1/4"
NO. 49-94-3350	24 GRIT	5" x 1/8"

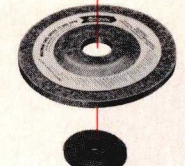
**BOX OF 10**

SILICON CARBIDE DISCS  
FOR STONE OR CONCRETE

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3320	24 GRIT	4-1/2" x 1/4"
NO. 49-94-3330	24 GRIT	4-1/2" x 1/8"
NO. 49-94-3360	24 GRIT	5" x 1/4"
NO. 49-94-3370	24 GRIT	5" x 1/8"

**BOX OF 10**



## COTTON REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

FOR BLENDING AND FINISHING ON  
NON-FERROUS ALLOYS AND STAINLESS STEEL

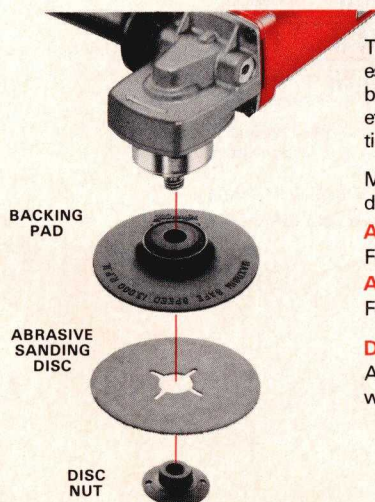
SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM

NO. 49-94-3400	24 GRIT	4-1/2" x 1/4"
NO. 49-94-3410	24 GRIT	4-1/2" x 1/8"

**BOX OF 10**

USE FLANGE NUT  
NO. 49-05-0050  
(Same for both 4-1/2" and 5" Grinders)



## BACKING PAD ASSEMBLIES

The MILWAUKEE Backing Pad Assembly is designed especially for use with 5" Sander/Grinder. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.

**ASSEMBLY NO. 49-36-3450**

For use with 4-1/2" Sander/Grinder

**ASSEMBLY NO. 49-36-3460**

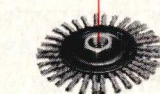
For use with 5" Sander/Grinder

**DISC NUT ONLY NO. 49-40-0370**

As furnished with Backing Pad Assembly. For use with either 4-1/2" or 5" Sander/Grinders.



USE GUARD  
NO. 49-12-0320 for 4-1/2" Grinder  
NO. 49-12-0330 for 5" Grinder



NO. 48-52-1225  
4" DIA. STAINLESS STEEL  
STRINGER BEAD WIRE WHEEL  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-1250  
4" DIA. CARBON  
FULL CABLE TWIST  
KNOT WIRE WHEEL  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-2220  
4" DIA. CARBON  
STRINGER BEAD WIRE WHEEL  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-2225  
4" DIA. STAINLESS STEEL  
FULL CABLE TWIST  
KNOT WIRE WHEEL  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-1125  
2-3/4" DIA. CARBON  
KNOT WIRE CUP BRUSH  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-1130  
2-3/4" DIA. STAINLESS STEEL  
SINGLE ROW KNOT WIRE  
CUP BRUSH  
MAX. SPEED 12,000 RPM  
.020 WIRE 1/2"-13 THREAD



NO. 48-52-1135  
3" DIA. CARBON  
CRIMPED WIRE  
1-1/4" TRIM LENGTH  
CUP BRUSH  
MAX. SPEED 12,000 RPM  
.0018 WIRE 1/2"-13 THREAD

## ABRASIVE SANDING DISCS

MAX. SPEED 13,000 RPM

Specially selected extra hard aluminum oxide grits are applied with plastic adhesive to rigid fiber backing for long life...will not crack, curl or tear. They are water-proof and can be scrubbed for reuse.

4-1/2" DIA.	NO. 48-80-0500	<b>BOX OF 10</b>	24 GRIT
	NO. 48-80-0510		36 GRIT
	NO. 48-80-0520		60 GRIT
	NO. 48-80-0530		80 GRIT
	NO. 48-80-0540		120 GRIT
5" DIA.	NO. 48-80-0600	<b>BOX OF 10</b>	24 GRIT
	NO. 48-80-0610		36 GRIT
	NO. 48-80-0620		60 GRIT
	NO. 48-80-0630		80 GRIT
	NO. 48-80-0640		120 GRIT





# HEAVY-DUTY 13 AMP SANDER™

POWERFUL

SMOOTH RUNNING

ALL BALL BEARINGS

■ MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGE 86 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.

## FEATURES

**LIGHTWEIGHT—ONLY 9-1/4 LBS.**

- **GLASS FILLED NYLON MOTOR HOUSING** non-conductive  
Lighter, cooler, more comfortable
- **SIDE HANDLE WITH LARGE FLANGE** for safety...reversible
- **HEAVY-DUTY SWITCH**
- **RECESSED SPINDLE LOCK BUTTON**
- **BALL BEARING MOUNTED ARMATURE** is dynamically balanced and vibration free.
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of sanders.
- **SMOOTH RUNNING** all ball bearings.  
Bearings and seals matched to armature speed.
- **HEAVY-DUTY URETHANE TOOL REST**

**NEW**

**6072**

9" DIA.  
13 AMP  
5000 RPM



**NEW**

## SPIRAL BEVEL GEARING

With serviceable and replaceable armature pinion separate from armature shaft. Low profile design facilitates sanding in confined areas.

**TYPE "G" GREASE**

1 lb. can  
NO. 49-08-4140

**STEEL CARRYING CASE**  
NO. 48-55-0875

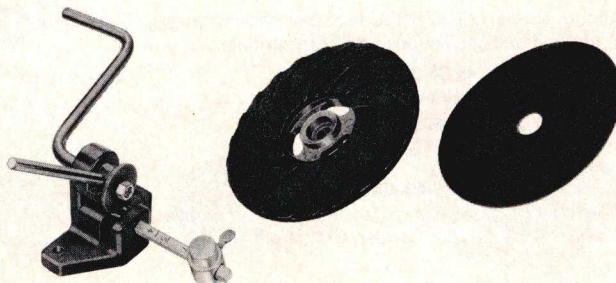


## SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6072	5000	9"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.

**STANDARD EQUIPMENT:** Less disc assembly and sanding disc. Order all accessories separately.

**SEE PAGE 87 for:**  
Sanding Discs  
Backing Pad Assemblies  
Sanding Disc Trimmer







# HEAVY-DUTY 13 AMP SANDERS

**POWERFUL      SMOOTH RUNNING      ALL BALL AND ROLLER BEARINGS**

■ MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGE 86 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.

## FEATURES

- **EFFICIENT FAN** for cooler operation, longer life.
- **SMOOTH RUNNING** all ball and roller bearing. Bearings and seals matched to armature speed.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **HELICAL GEARING** for longer life, quieter operation.
- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of sanders.
- **NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE**
- **REVERSIBLE SIDE HANDLE DESIGN** for better control, greater comfort.
- **HEAVY-DUTY URETHANE TOOL REST** prevents damage to motor housing and gear case.
- **RUBBER SPINDLE WASHER** for easy wheel removal — prevents wheels from freezing on spindle.
- **REPLACEABLE SPINDLE LOCK**



**6052**  
9" DIA.  
13 AMP  
5000 RPM

**STEEL CARRYING CASE**  
NO. 48-55-0875



### TYPE "G" GREASE

1 lb. can  
NO. 49-08-4140

### TYPE "B" GREASE

1 lb. can  
NO. 49-08-0900



**6054**  
7" DIA.  
13 AMP  
6000 RPM

## SPECIFICATIONS

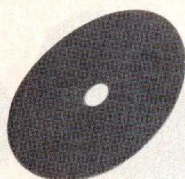
CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6052★*	5000	9"	120	13.0	2.25	5/8"-11	16-1/2"	12 lbs.	16-3/4 lbs.
6054★*	6000	7"	120	13.0	2.25	5/8"-11	16-1/2"	12 lbs.	16-3/4 lbs.

★ Available in 240 volts AC-DC. Add :2 after Catalog Number when ordering. See price sheet.

\* When used as a grinder, guard must be used for O.S.H.A. compliance.

### STANDARD EQUIPMENT:

FOR MODELS 6052 and 6054—Less disc assembly and sanding disc. Order all accessories separately.



**SEE PAGE 87 for:**  
*Sanding Discs  
Backing Pad Assemblies  
Sanding Disc Trimmer*





# HEAVY-DUTY 15 AMP SANDERS\*

**POWERFUL    SMOOTH RUNNING    ALL BALL AND ROLLER BEARINGS**

■ **MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGE 86 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.**

## FEATURES

- **EFFICIENT FAN** for cooler operation, longer life.
- **SMOOTH RUNNING** all ball and roller bearing. Bearings and seals matched to armature speed.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **HELICAL GEARING** for longer life, quieter operation.
- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of grinders.
- **NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE**
- **REVERSIBLE SIDE HANDLE DESIGN** for better control, greater comfort.
- **HEAVY-DUTY URETHANE TOOL REST** prevents damage to motor housing and gear case.
- **RUBBER SPINDLE WASHER** for easy wheel removal — prevents wheels from freezing on spindle.
- **REPLACEABLE SPINDLE LOCK**

**6056**

9" DIA.  
15 AMP  
5000 RPM

**6058**

7" DIA.  
15 AMP  
6000 RPM

**STEEL CARRYING CASE**  
NO. 48-55-0875

**TYPE "G" GREASE**  
1 lb. can  
NO. 49-08-4140

**TYPE "B" GREASE**  
1 lb. can  
NO. 49-08-0900



## SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6056 *	5000	9"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	12-1/4 lbs.	17 lbs.
6058 * ★	6000	7"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	12-1/4 lbs.	17 lbs.
6090 *	6000	7"	120 AC ONLY	15.0	3.00	5/8"-11	17"	12-1/2 lbs.	17-1/4 lbs.

\* When used as a grinder, guard must be used for O.S.H.A. compliance.

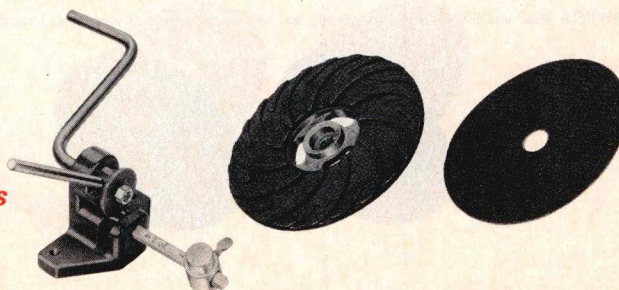
★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet.

**STANDARD EQUIPMENT**  
FOR MODELS 6056, 6058 and 6090 — Less disc assembly and sanding discs. Order all accessories separately.

**6090**

7" DIA.  
15 AMP  
6000 RPM

**SEE PAGE 87 for:**  
*Sanding Discs*  
*Backing Pad Assemblies*  
*Sanding Disc Trimmer*







# HEAVY-DUTY 13 AMP AND 15 AMP GRINDERS\*

**POWERFUL      SMOOTH RUNNING      ALL BALL AND ROLLER BEARINGS**

■ MILWAUKEE GRINDERS MAY BE CONVERTED TO SANDERS BY USING THE PROPER BACKING PAD FOR SANDING OPERATIONS. SEE PAGE 87 FOR BACKING PAD ASSEMBLIES AND SANDING DISCS.

## FEATURES

- **EFFICIENT FAN** for cooler operation, longer life.
- **SMOOTH RUNNING** all ball and roller bearing. Bearings and seals matched to armature speed.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **HELICAL GEARING** for longer life, quieter operation.
- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn — prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of grinders.
- **NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE**
- **REVERSIBLE SIDE HANDLE DESIGN** for better control, greater comfort.
- **HEAVY-DUTY URETHANE TOOL REST** prevents damage to motor housing and gear case.
- **RUBBER SPINDLE WASHER** for easy wheel removal — prevents wheels from freezing on spindle.
- **REPLACEABLE SPINDLE LOCK**

**STEEL CARRYING CASE**  
NO. 48-55-0875

**TYPE "G" GREASE**  
1 lb. can  
NO. 49-08-4140

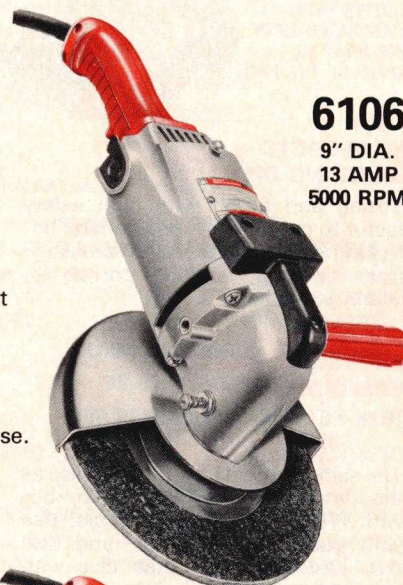
**TYPE "B" GREASE**  
1 lb. can  
NO. 49-08-0900



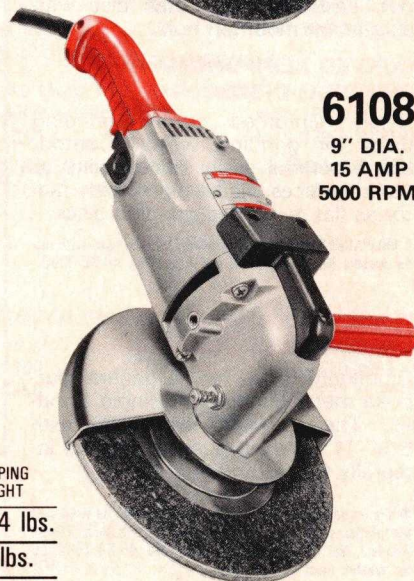
## SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6106	5000	9"	120 AC-DC	13.0	2.25	5/8"-11	16-1/2"	15 lbs.	19-3/4 lbs.
6108	5000	9"	120 AC-DC	15.0	3.00	5/8"-11	16-1/2"	15-1/4 lbs.	20 lbs.

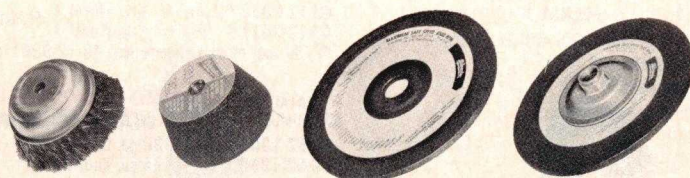
**STANDARD EQUIPMENT**  
FOR MODELS 6106 and 6108 —  
9" x 1/4" flat reinforced grinding disc. Steel guard No. 49-12-0090.



**6106**  
9" DIA.  
13 AMP  
5000 RPM



**6108**  
9" DIA.  
15 AMP  
5000 RPM



**SEE PAGE 86 for:**  
Grinding Discs  
Grinding Wheels  
Wire Cup Brushes





# HEAVY-DUTY GRINDER ACCESSORIES

- CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED.
- SAFETY GUARDS REQUIRED.
- WEAR SAFETY GOGGLES.

**NOTE:**  
THE MAXIMUM  
SAFE OPERAT-  
ING SPEED  
SHOWN ON THE  
GRINDING  
WHEELS MUST  
BE GREATER THAN  
THE NO LOAD  
SPEED OF THE TOOL.

## NEW FLAT REINFORCED GRINDING DISCS

Strong and tough with high safety factor to permit high speed operation. Nylon reinforced to resist breakage from twisting, starting torque or lateral pressure.

## ECONOMICAL DEPRESSED CENTER GRINDING DISCS

WITH 7/8" REINFORCED ARBOR HOLE  
SOLD ONLY IN BOXES OF TEN

The same high quality grinding disc as the flat reinforced disc above, but with 7/8" reinforced arbor hole. Use with guard, hub adaptor, and disc nut. Less expensive than disc with permanent mounted hub.

## CURVED REINFORCED GRINDING DISCS

Nylon reinforced curved grinding discs for grinding welds. Contour shape permits easier accessibility to work surfaces. Same high safety factor as flat reinforced grinding discs.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

## FLARED CUP GRINDING WHEELS

Aluminum oxide for all general purpose metal grinding. Resinoid bonded. These wheels are fitted with 5/8"-11 threaded bushing molded integrally for ready mounting.

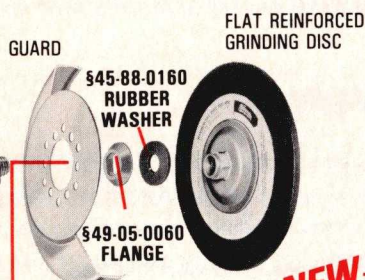
• Flared and armor cup grinding wheels must be used with the proper skirt guard. On new 13 and 15 amp Sander/Grinders, No. 49-05-0030 flange and No. 45-88-1060 rubber washer must also be used.

## ARMOR-CUP GRINDING WHEELS

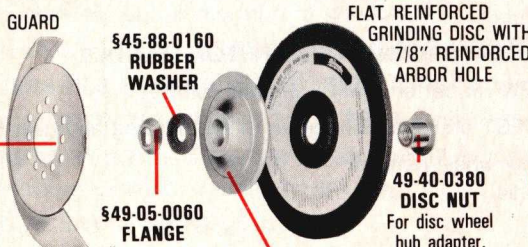
Resinoid bonded. Special fine grit outer rim wears slowly . . . prevents rounded edges for high performance without distortion. Eliminates waste by maintaining a flat grinding surface even under the toughest conditions . . . provides longer usable cup life. 5/8"-11 threaded bushing integrally molded for easy mounting.

## CRIMPED or KNOT WIRE CUP BRUSHES

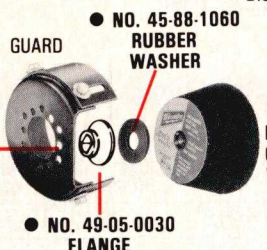
Finest quality crimped or knot wire brushes to give long service life on the toughest cleaning jobs. Ideally suited for cleaning castings, structural steel, sheet metal, stone and concrete.



**GUARD FOR FLAT REINFORCED GRINDING DISC**  
49-12-0080 Fits 7" Grinder  
49-12-0090 Fits 9" Grinder



**48-03-1000 HUB ADAPTER**  
For use with depressed center hub wheels with 7/8" diameter hole.



CATALOG NUMBER	FLAT REINFORCED GRINDING DISCS	MAX. SAFE SPEED RPM
49-93-3110	24 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-93-3230	24 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500
49-93-3170	46 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-93-3290	46 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500
<b>SILICON CARBIDE DISCS FOR STONE OR CONCRETE</b>		
49-93-3130	16 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-93-3250	16 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500

CATALOG NUMBER (10 WHEELS PER BOX)	FLAT REINFORCED GRINDING DISCS (BOX OF 10)	MAX. SAFE SPEED RPM
49-94-3111	24 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-94-3231	24 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500
49-94-3171	46 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-94-3291	46 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500
<b>SILICON CARBIDE DISCS FOR STONE OR CONCRETE (BOX OF 10)</b>		
49-94-3131	16 GRIT 7" x 1/4" 5/8"-11 Thd. Hub	8500
49-94-3251	16 GRIT 9" x 1/4" 5/8"-11 Thd. Hub	6500

## ECONOMICAL DEPRESSED CENTER GRINDING DISCS ALUMINUM OXIDE DISCS FOR METAL

GRINDING DISCS HAVE 7/8" REINFORCED ARBOR HOLE

CATALOG NUMBER (10 WHEELS PER BOX)		MAX. SAFE SPEED RPM
49-94-3112	<b>BOX OF 10</b>	24 GRIT 7" x 1/4" 8500
49-94-3232		24 GRIT 9" x 1/4" 6500
49-94-3172		46 GRIT 7" x 1/4" 8500
49-94-3292		46 GRIT 9" x 1/4" 6500

## CURVED REINFORCED GRINDING DISCS

49-93-3120	24 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	7750
49-93-3240	24 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500
49-93-3180	46 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	7750
49-93-3300	46 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500

**GUARD FOR CURVED REINFORCED GRINDING DISCS**  
49-12-0100 Fits 7" Grinder  
49-12-0110 Fits 9" Grinder

## FLARED-CUP GRINDING WHEELS

CATALOG NUMBER		SPEED RPM
49-93-5140	16 GRIT 4" DIA. FOR 7" GRINDERS 5/8"-11 Thd.	9000
49-93-5220	16 GRIT 5" DIA. FOR 9" GRINDERS 5/8"-11 Thd.	7200

## ADJUSTABLE SKIRT GUARD FOR FLARED CUP GRINDING WHEELS

49-12-0062 \* For 4" Cup Wheel } FLANGE INCLUDED  
49-12-0072 \* For 5" Cup Wheel }  
\* Old tool models require No. 49-12-0061 or No. 49-12-0071.

## ARMOR-CUP GRINDING WHEELS

NUMBER		SPEED RPM
ALUMINUM OXIDE ARMOR CUP FOR METAL		
49-93-5250	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5270	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

## SILICON CARBIDE ARMOR-CUP FOR STONE OR CONCRETE

49-93-5260	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5280	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

## ADJUSTABLE SKIRT GUARD FOR ARMOR-CUP GRINDING WHEELS

49-12-0062 \* For 4" Cup Wheel } FLANGE INCLUDED  
49-12-0072 \* For 5" Cup Wheel }  
\* Old tool models require No. 49-12-0061 or No. 49-12-0071.

## CRIMPED or KNOT WIRE CUP BRUSHES

48-52-1300	30 ga. Crimped Wire	5/8"-11 Thread	7000
48-52-1350	24 ga. Knot Wire	5/8"-11 Thread	7000
<b>6" DIAMETER FOR 9" GRINDERS</b>			
48-52-1600	24 ga. Crimped Wire	5/8"-11 Thread	6000
48-52-1650	30 ga. Knot Wire	5/8"-11 Thread	6000





# HEAVY-DUTY SANDER ACCESSORIES

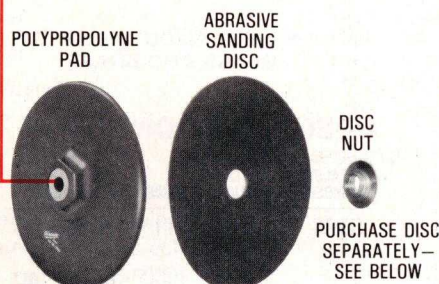
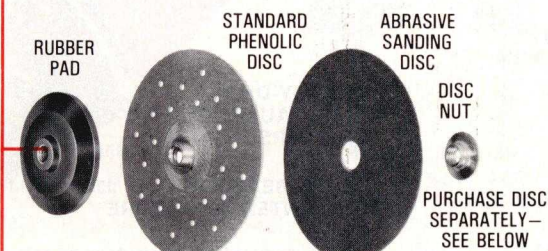
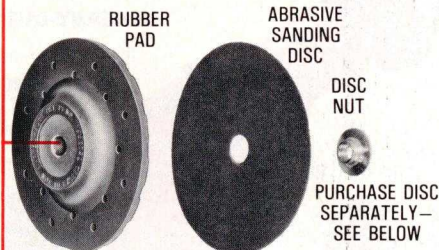
## BACKING PAD ASSEMBLIES

Light, perfectly balanced assemblies provide flexibility for curves and contours. Abrasive discs can be trimmed down to the next smaller diameter to be used with smaller backing discs, affording greater economy.



### SPIRAL DESIGN BACKING PAD

**AIR COOLED... IDEAL FOR ALL SANDING OPERATIONS ON METAL, PLASTIC, FIBERGLASS, ETC.**



### SPIRAL DESIGN PAD ASSEMBLY

#### COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

*Does Not Include Abrasive Sanding Disc*

NO. 49-36-3800	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3850	9" DIA.	MAX. SPEED 6000 RPM

#### DISC NUT ONLY

NO. 49-40-0360

### RUBBER PAD ASSEMBLY

#### COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT

*Does Not Include Abrasive Sanding Disc*

NO. 49-36-3700	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3750	9" DIA.	MAX. SPEED 7000 RPM

#### DISC NUT ONLY

NO. 49-40-0360

### STANDARD PHENOLIC DISC ASSEMBLIES

#### COMPLETE ASSEMBLY INCLUDES RUBBER PAD, DISC, AND DISC NUT

*Does Not Include Abrasive Sanding Disc*

NO. 49-36-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 49-36-6050	9" DIA.	MAX. SPEED 7000 RPM

#### PHENOLIC DISC ONLY

*Must Be Used With Rubber Pad No. 49-36-3500*

NO. 48-80-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6050	9" DIA.	MAX. SPEED 7000 RPM

#### RUBBER PAD ONLY

#### DISC NUT ONLY

NO. 49-36-3500	MAX. SPEED 7000 RPM	NO. 49-40-0350
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### POLYPROPOLYNE PAD Includes Disc Nut — **NEW**

*Does Not Include Abrasive Sanding Disc*

NO. 49-36-3900	7" DIA.	MAX. SPEED 8000 RPM
NO. 49-36-3950	9" DIA.	MAX. SPEED 7500 RPM

#### DISC NUT ONLY

NO. 49-40-0360

### ABRASIVE SANDING DISCS PACKED AND SOLD ONLY IN BOXES OF 10

Specially selected extra hard aluminum oxide grits are applied with plastic adhesive to rigid fiber backing for long life. Waterproof — can be dipped and scrubbed for re-use.

CATALOG NUMBER  
(10 PER BOX)

#### FOR 7" DIAMETER ASSEMBLIES

NO. 48-80-2000	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2050	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2100	36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2200	60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2250	80 GRIT	MAX. SPEED 7000 RPM

**BOX  
OF  
10**

CATALOG NUMBER  
(10 PER BOX)

#### FOR 9" DIAMETER ASSEMBLIES

NO. 48-80-2500	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2550	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2600	36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2700	60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2750	80 GRIT	MAX. SPEED 7000 RPM

**BOX  
OF  
10**

### ABRASIVE SANDING DISC TRIMMER



#### INCREASE THE LIFE OF USED SANDING DISCS BY TRIMMING

**NO. 49-80-1000** Abrasive Discs can be quickly cut down to smaller useable diameters to gain maximum service life. Center hole pilot is loosened by thumb screws; adjusted to the desired diameter and retightened in seconds. Place disc, abrasive side up, on center hole pilot, lower lever and turn handle clockwise to cut. Fast and easy!

#### REPLACEMENT CUTTER BLADES

NO. 49-80-1050	UPPER BLADE
NO. 49-80-1150	LOWER BLADE





# HEAVY-DUTY DIE GRINDERS

POWERFUL

SMOOTH RUNNING

ALL BALL AND ROLLER BEARINGS

2" DIAMETER 4.5 AMP

**5192** 21,000 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE  
GLASS FILLED NYLON MOTOR HOUSING  
AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE—NEOPRENE COATED
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- ARMATURE IS DYNAMICALLY BALANCED FOR SMOOTH EFFICIENT OPERATION
- ALL BALL AND ROLLER BEARINGS
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- SWITCH IS CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5192	120	4.5	1/8†-1/4‡	2"	2"
	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.	
	21,000	13-1/2	4-1/2	4-3/4	

† Available as accessory only  
‡ Standard equipment

2" DIAMETER 11 AMP

**5196** 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE  
GLASS FILLED NYLON MOTOR HOUSING  
AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- REMOVABLE ARMATURE PINION
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- BALL BEARING MOUNTED ARMATURE
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5196	120	11	1/8†-1/4‡	2"	2"
	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.	
	14,500	21-1/2	7-3/4	8-3/4	

† Available as accessory only  
‡ Standard equipment

■ **SAFETY NOTE:** This Grinder is not supplied with grinding wheel. Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool. Tables of maximum operating speeds for mounted wheels are included in the instructions packed with each new grinder. **CAUTION:** NEVER OPERATE TOOL WITHOUT GRINDING WHEEL OR DOWEL PROPERLY SECURED IN ITS COLLET.

SEE FOLLOWING PAGE 89 FOR COLLETS, MOUNTED POINTS, ACCESSORIES

COLLET



MOUNTED POINTS







# HEAVY-DUTY DIE GRINDER ACCESSORIES

**NEW**

## ACCESSORIES

### FOR DIE GRINDER NO. 5192

- NO. 48-66-0975 \* 1/4" Collet
- NO. 49-96-4090 \* 11/16" Open End Wrench
- NO. 49-96-4040 \* 1/2" Open End Wrench
- NO. 48-66-0965 1/8" Collet
- NO. 49-08-4110 Type "D" Grease, 1 lb. can.

\* Included as Standard Equipment.

### FOR DIE GRINDER NO. 5196

- NO. 48-66-0975 \* 1/4" Collet
- NO. 49-96-4090 \* 11/16" Open End Wrench
- NO. 49-96-4040 \* 1/2" Open End Wrench
- NO. 49-96-4075 \* 1" Open End Wrench
- NO. 48-66-0965 1/8" Collet
- NO. 48-68-0030 Collet Nut—Replacement
- NO. 48-68-0040 Collet Body—Replacement
- NO. 49-08-4110 Type "D" Grease, 1 lb. can.

\* Included as Standard Equipment.

### FOR PREVIOUS MODEL 5195

With Serial Numbers below 525-10500

- NO. 48-66-0970 \* 1/4" Collet
- NO. 49-96-4040 \* 1/2" Open End Wrench
- NO. 49-96-4065 \* 5/8" Open End Wrench
- NO. 49-96-4075 \* 1" Open End Wrench
- NO. 48-66-0960 1/8" Collet
- NO. 49-08-4110 Type "D" Grease, 1 lb. can.

\* Included as Standard Equipment.

With Serial Numbers above 525-10500

- NO. 48-66-0965 1/8" Collet
- NO. 48-66-0975 \* 1/4" Collet
- NO. 49-96-4090 \* 11/16" Wrench
- NO. 49-08-4110 Type "D" Grease, 1 lb. can.

\* Included as Standard Equipment.

## COLLET ASSEMBLY NO. 48-66-2090

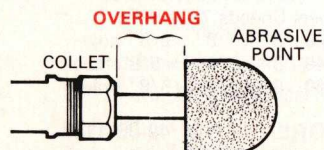
To convert model 5195 with serial nos. below 525-10500 to new collet system. Includes collet body (48-68-0040) and nut (48-68-0030) order collet separately.

When using MILWAUKEE Die Grinder No. 5196, Mounted Point maximum speed (RPM) must be greater than 15,950 RPM.

When using MILWAUKEE Die Grinder No. 5192, Mounted Point maximum speed (RPM) must be greater than 23,100 RPM.

SEE CHART AT RIGHT.

INSERT MANDREL TO  
A MINIMUM OF 3/4" INTO COLLET



## DIE GRINDING POINTS

### "GENERAL PURPOSE"

### 1/4" x 1-1/2" MANDRELS

For finish Grinding, De-Burring, Chamfering and Sharpening

26 MOUNTED POINTS PER BOX



26 MOUNTED POINTS  
PER BOX

SHAPE	CATALOG NUMBER	DIAMETER	THICKNESS	MAXIMUM SPEED (RPM) OVERHANG *		
				1/2"	1"	1-1/2"
A1	49-95-0010	3/4"	2-1/2"	19,800	16,500	13,120
A3	49-95-0020	1"	2-3/4"	16,100	13,080	10,730
A11	49-95-0030	7/8"	2"	19,860	15,100	12,000
W222	49-95-0040	1"	2"	15,900	12,370	9,750
W242	49-95-0050	2"	1"	19,100	15,950	11,750
A4	49-95-0060	1-1/4"	1-1/4"	30,560	24,750	20,250
A12	49-95-0070	11/16"	1-1/4"	48,000	35,250	27,370
A15	49-95-0080	1/4"	1-1/6"	72,750	47,620	34,500
A21	49-95-0090	1"	1"	34,500	26,250	21,000
A24	49-95-0100	1/4"	3/4"	76,500	49,500	36,370
A34	49-95-0110	1-1/2"	3/8"	25,470	25,470	25,470
A37	49-95-0120	1-1/4"	1/4"	30,560	30,560	30,560
W220	49-95-0130	1"	1"	25,500	19,120	15,750
W216	49-95-0140	1"	1/4"	38,200	38,200	33,750
W215	49-95-0150	1"	1/8"	38,200	38,200	38,200

\* OVERHANG—the distance, on the mandrel, between the bottom of the abrasive and the top of the collet.





# HEAVY-DUTY STRAIGHT GRINDERS

POWERFUL

SMOOTH RUNNING

ALL BALL AND ROLLER BEARINGS

3" DIAMETER 11 AMP

**5211 14,500 RPM**

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE  
GLASS FILLED NYLON MOTOR HOUSING  
AND HANDLE



- BALL BEARING MOUNTED ARMATURE
- HEAVY-DUTY MILWAUKEE BUILT MOTORS
- SUPER EFFICIENT FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- REMOVABLE ARMATURE PINION
- ADJUSTABLE HEAVY-DUTY STEEL GUARD

- HEAVY-DUTY ALUMINUM GEAR CASE
- ALUMINUM OXIDE WHEELS  
1/2" x 3" x 3/8"  
AVAILABLE IN 60 GRIT  
OR 36 GRIT

- HIGH IMPACT RESISTANT URETHANE TOOL REST
- HINGED FACE PLATE ON GUARD FOR QUICK WHEEL REPLACEMENT

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	WHEEL SIZE	HOLE DIA.
5211	120	11	1/2" x 3"	3/8"
	NO. LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
	14,500	21	7-3/4	8-3/4

**NOTE:** Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool.

## ACCESSORIES FOR STRAIGHT GRINDER MODEL 5211

- NO. 49-96-4050 \* 9/16" Open End Wrench
- NO. 49-96-4075 \* 1" Open End Wrench
- NO. 49-12-0280 \* Wheel Guard Assembly
- NO. 49-92-0500 \* 36 Grit Aluminum Oxide Wheel, 1/2" x 3" x 3/8"
- NO. 49-08-4110 Type "D" Grease, 1 lb. can
- NO. 49-92-0510 60 Grit Aluminum Oxide Wheel, 1/2" x 3" x 3/8"

## ACCESSORIES FOR PREVIOUS MODEL 5210

- NO. 49-96-4050 \* 9/16" Open End Wrench
- NO. 49-96-4075 \* 1" Open End Wrench
- NO. 49-92-0200 60 Grit Aluminum Oxide Wheel, 1/2" x 2-1/2" x 3/8"
- NO. 49-92-0250 \* 36 Grit Aluminum Oxide Wheel, 1/2" x 2-1/2" x 3/8"
- NO. 49-12-0280 \* Wheel Guard Assembly
- NO. 49-08-4110 Type "D" Grease, 1 lb. can

\* Included as Standard Equipment.

6" DIAMETER 15 AMP

**5243 5500 RPM**



- LIGHTWEIGHT ALUMINUM ALLOY HOUSING
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- HINGED FACE PLATE ON GUARD FOR QUICK WHEEL REPLACEMENT

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAX. WHEEL DIA.	HOLE DIA.	SPEED NO. LOAD (RPM)	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5243	120	15	6"	5/8"	5500	22	16-1/2	22

★ Available in 240 Volts AC-DC. Add :2 after Catalog Number when ordering. See price sheet.  
**STANDARD EQUIPMENT:** Equipped with adjustable steel wheel guard and coarse grinding wheel. Hinged face plate.

**NOTE:** The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

**5" WHEEL GUARD ASSEMBLY** For No. 5220 Grinder  
NO. 49-12-0140

**6" WHEEL GUARD ASSEMBLY** For No. 5240 Grinder  
NO. 49-12-0150

**6" WHEEL GUARD ASSEMBLY** For No. 5243 Grinder  
NO. 49-12-0160

## TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6050 Includes wheel guard, spacer unit and 8" x 1/8" x 5/8" hole abrasive wheel. Converts previous models 5220 and 5240 into Tuck Point Grinders.

## TUCK POINT GRINDER ACCESSORY KIT

NO. 49-22-6055 Includes wheel guard, spacer unit and 8" x 1/8" x 5/8" hole abrasive wheel. Converts 5243 into Tuck Point Grinder.

**TUCK POINT GUARD 8" Guard** NO. 49-12-0310



## COARSE GRIT GRINDING WHEELS

CATALOG NUMBER	SIZE INS.	HOLE DIA.	MAXIMUM WHEEL SPEED
49-92-2240	5 x 1	5/8"	7200
49-92-3260	6 x 1	5/8"	6000



## KNOT WIRE BRUSHES

CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000
48-52-2510	6	1/2" x 5/8"	.014	8000



## CLOTH BUFFING WHEELS

For polishing and buffing metal surfaces. When coated with abrasive, can be used for smooth finish grinding or rough polishing.

CATALOG NUMBER	DIA. INS.	HOLE DIA.
49-93-0070	5	5/8"
49-93-0090	6	5/8"

## TUCK POINT ABRASIVE WHEELS

Maximum Wheel Speeds 7200 RPM

NO. 49-92-5020 8" x 1/8" x 5/8" hole

NO. 49-92-5040 8" x 3/16" x 5/8" hole

NO. 49-92-5060 8" x 1/4" x 5/8" hole

**TYPE "G" GREASE** NO. 49-08-4140  
1 lb. can for models 5243





# HEAVY-DUTY POLISHERS

BALANCED POWERFUL RUGGED

9" DIAMETER 12 AMP

**5595** 1700 RPM



- NON-CONDUCTIVE HEAVY-DUTY GLASS REINFORCED NYLON HANDLE. ALUMINUM MOTOR HOUSING

7" DIAMETERS 11 AMP

**5455** 1750 RPM

**5535** 2800 RPM



- NEW STRONG LIGHT-WEIGHT NON-CONDUCTIVE GLASS REINFORCED NYLON MOTOR HOUSING AND HANDLE

## FEATURES COMMON TO 7" AND 9" POLISHERS

- URETHANE BUMPERS PROTECT GEAR CASE & HANDLE
- SMOOTH RUNNING all ball and roller bearings
- SPRING LOADED SPINDLE LOCK
- ALUMINUM GEAR CASE
- HELICAL GEARING
- SELF-STOPPING LONG LIFE BRUSH SYSTEM

**NO. 5595, 9" DIA.** 1700 RPM. Handles the larger diameter pads and bonnets. Especially recommended for rubbing and compounding. Standard equipment includes rubber backing pad and disc nut.

**NO. 5455, 7" DIA.** Lightweight polisher, 1750 RPM used with standard liquid polishes. Standard equipment includes rubber backing pad and disc nut.

**NO. 5535, 7" DIA.** Lightweight polisher, 2800 RPM for exclusive use with high speed liquid machine polishes. Standard equipment includes rubber backing pad and disc nut.

## SPECIFICATIONS

CATALOG NUMBER	PAD DIAMETER	VOLTS AC/DC	AMPS	SPEED NO LOAD (RPM)	LENGTH (INS.) +	NET WEIGHT	SHIPPING WEIGHT
<b>5595</b>	9"	120	12	1700	15-1/4	12-3/4 lbs.	20 lbs.
<b>5455</b>	7"	120	11	1750	16-1/2	8-3/4 lbs.	15-1/2 lbs.
<b>5535</b>	7"	120	11	2800	16-1/2	8-3/4 lbs.	15-1/2 lbs.

+ Over-all length of tool only — not including pad.

## MILWAUKEE HEAVY-DUTY POLISHER ACCESSORIES

### BONNET CLEANING TOOL

**NO. 49-80-0050**

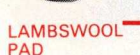
Quickly fluffs, cleans, buffing pads and bonnets while pads are rotating. Removes glazed surface and loosens packed wool to prolong life. Shp. Wt. 1 lb.



MOLDED RUBBER BACKING PAD



POLISHING PAD



LAMBSWOOL PAD



LAMBSWOOL BONNET

CATALOG NUMBER	DESCRIPTION
<b>49-36-2500</b>	7" dia. Molded Rubber Backing Pad
<b>49-36-2200</b>	8-1/2" dia. Molded Rubber Backing Pad
<b>49-40-0390</b>	Disc Nut
<b>49-08-4140</b>	Type "G" Grease 1 lb. Can

### 100% WOOLEN YARN POLISHING PADS RECOMMENDED FOR ALL TYPES OF COMPOUNDING, BLENDING AND POLISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
<b>49-36-1450</b>	CURVED POLISHING PAD	7-1/2"	1-1/2"
<b>49-36-1455</b>	POLISHING PAD	7-1/2"	2" *
<b>49-36-1600</b>	POLISHING PAD	9"	1-1/2"

\* The 2" pile height adds extra density and will outlast any woolen yarn pad on the market. It is more economical to use because of its long life.

### BLENDED WOVEN WOOL PADS AND BONNETS RECOMMENDED FOR HIGH GLOSS FINISHING

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
<b>49-36-0500</b>	CURVED LAMBSWOOL PAD	7-1/2"	1-1/2"
<b>48-48-0500</b>	LAMBSWOOL BONNET	7"	1-1/2"
<b>49-36-0700</b>	LAMBSWOOL PAD	9"	1-1/2"
<b>48-48-1000</b>	LAMBSWOOL BONNET	9"	1-1/2"

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY BENCH GRINDERS

6 • 7 • 8 • 10 INCH WHEEL SIZES

## 5 MODELS

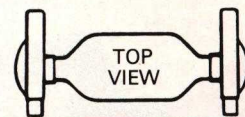
1/4 H.P.  
1/3 H.P.  
1/2 H.P.  
3/4 H.P.  
1 H.P.

NOTE: H.P.  
is NEMA  
rated.

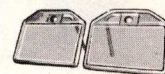
ALL BALL  
AND ROLLER  
BEARINGS

### BELL TYPE CONSTRUCTION

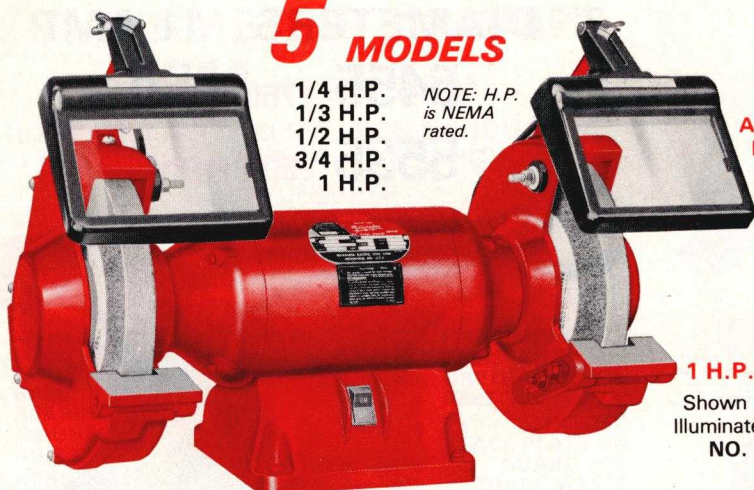
#### SPECIAL FEATURE



Clearance in front of motor housing is important when grinding longer pieces.



Plastic Eye Shields No. 49-62-0100 are furnished as standard equipment. Shatter-Resistant glass Eye Shields and Illuminated Eye Shields are offered as optional accessories. Shields *must* be used when operating grinders.



### 1 H.P. GRINDER

Shown with Optional  
Illuminated Eye Shields  
NO. 49-62-0050

### SPECIFICATIONS

NEMA RATED H.P.	CATALOG NUMBER	VOLTS AC ONLY	AMPS	PHASE	SPEED RPM	WHEEL SIZE	HOLE DIA.	SPACE BETWEEN WHEELS	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
1/4	4901	115	2.6	1	3450	6" x 5/8"	5/8"	9-7/8"	24	26
1/3	4921	115	2.9	1	3450	6" x 3/4"	5/8"	11-13/16"	26	28
1/2	4981	115	4.0	1	3450	7" x 1"	5/8"	13-5/8"	41	43
3/4	5041	115*	8.2	1	3450/2850	8" x 1"	5/8"	17-3/8"	58	60
1	5081	115*	12.8	1	1725/1425	10" x 1"	3/4"	18-1/8"	88	90

\* 3/4 & 1 horsepower 60/50 hertz. All others are 60 hertz.

### STANDARD EQUIPMENT

Includes two balanced, vitrified wheels—one fine and one coarse grit—adjustable tool rests, spark deflectors and plastic eye shields. Pedestal and illuminated eye shields are listed below and are available as accessories. Wheels other than those supplied as standard equipment must be ordered separately.

### PLASTIC EYE SHIELDS

**NO. 49-62-0100** (pair) These protective eye shields are furnished as standard equipment on all MILWAUKEE Bench Grinders. Easily replaced when pitted. Supplied as a pair. Complete with attaching hardware for any MILWAUKEE Bench Grinder. Shp. Wt. 1 lb. per pair.

### ILLUMINATED EYE SHIELD

**NO. 49-62-0050** (as shown above on 1 H.P. Grinder) Metal frame holds 4" x 6" glass window...easily replaced when pitted. Long tube bulb eliminates shadow...separate cord with on-off switch operates on 120 Volts AC. Rigid support prevents swiveling. Available for 1/2, 3/4 and 1 H.P. bench grinders only. If pair required specify 2 units. Shp. Wt. 4 lbs. each.

### GLASS EYE SHIELDS

**NO. 49-62-0600** (pair) As shown at right on 1/2 H.P. Grinder. Frame holds 3" x 5" Shatter-Resistant glass. Mounting bracket included. Adaptable to all models. Shp. Wt. 4 lbs. per pair.

### WHEELS FOR BENCH GRINDERS

**NOTE:** The maximum safe operating speed shown on the grinding wheels must be greater than the no load speed of the tool. Grinding Wheels are available in 24, 46 and 80 vitrified grit for all types of grinding. Knot Wire Brushes for removing rust, scale and file marks—made of

select steel wires. Brushes have a face width of 3/4". Cloth Buffing Wheels for buffing metal surfaces—made of multiple layers of select buffing cloth—securely sewed—can be dipped in an emery grit after coating with glue for finish grinding or rough polishing.

### GRINDING WHEELS



24  
GRIT

46  
GRIT

80  
GRIT

CATALOG NUMBER	SIZE (IN.)	HOLE DIA. (IN.)	MAX. WHEEL SPEED
49-92-3131	6" x 5/8"	1/2" x 5/8"	4140
49-92-3141	6" x 3/4"	1/2" x 5/8"	4140
49-92-4201	7" x 1"	5/8"	3600
49-92-5301	8" x 1"	5/8"	3600
49-92-7201	10" x 1"	3/4"	2485
49-92-3151	6" x 5/8"	1/2" x 5/8"	4140
49-92-3161	6" x 3/4"	1/2" x 5/8"	4140
49-92-4221	7" x 1"	5/8"	3600
49-92-5321	8" x 1"	5/8"	3600
49-92-7221	10" x 1"	3/4"	2485
49-92-3171	6" x 5/8"	1/2" x 5/8"	4140
49-92-3181	6" x 3/4"	1/2" x 5/8"	4140
49-92-4241	7" x 1"	5/8"	3600
49-92-5341	8" x 1"	5/8"	3600
49-92-7241	10" x 1"	3/4"	2485

### KNOT WIRE BRUSHES

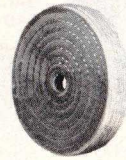


CATALOG NUMBER	SIZE (IN.)	HOLE (DIA.)	WIRE SIZE	MAX. WHEEL SPEED
48-52-2510*	6"	1/2" x 5/8"	.014	8000
48-52-2610●	7"	5/8"	.014	5000
48-52-4810	10"	3/4"	.014	4500

\* For use with models 4901, 4921 and 4981.

● For use with model 5041 only.

### CLOTH BUFFING WHEELS



CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0080	6" x 3/4"	1/2"
49-93-0090	6" x 3/4"	5/8"
49-93-0100	7" x 3/4"	5/8"
49-93-0110	10" x 3/4"	3/4"



### 1/2 H.P. GRINDER

Mounted on Grinder  
Pedestal Shown with  
Optional Eye Shields  
NO. 49-62-0060

### GRINDER PEDESTAL

**NO. 49-39-0050** Heavy gray iron castings with tubular steel column. Removable water pot. Adaptable to all models. Height 34". Shp. Wt. 54 lbs.





# HEAVY-DUTY DRYWALL SCREW-SHOOTER

**NEW**



HANDY BELT CLIP

ALL BALL AND  
NEEDLE BEARINGS

- REVERSING SWITCH
- TRIGGER SPEED CONTROL 0-4000 RPM

**DOUBLE INSULATED**

**6753-1**

**TRIGGER SPEED CONTROL—REVERSING  
0-4000 RPM**

- POSITIVE DRIVE CLUTCH
- CONVENIENT REVERSING SWITCH
- POWERFUL MILWAUKEE 3.5 AMP MOTOR
- MINIMUM OFFSET FOR CLOSE QUARTER WORK

- SIMPLE POSITIVE DEPTH ADJUSTMENT

Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Each 1/6 turn equals .010" change in depth.

## SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6753-1	120 AC ONLY	3.5	0-4000	1/4" Hex	3/4"	11	3-1/2	4-1/2

NOTE: Model has reversing type motor and is equipped with lockable trigger switch.

STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder, Magnetic Bit Holder Locator No. 49-26-1030 and Belt Clip No. 48-67-0100.

## MECHANICAL FEATURES


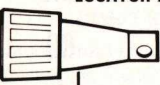
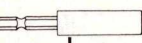

- Engineered for balanced design...Lightweight and Compact for easy use in tight quarters
- Impact resistant, lightweight, non-conductive glass reinforced nylon motor housing and handle—provides a cool gripping surface under heavy duty use
- Aluminum gear case and diaphragm supplies greater support for shaft and bearings
- Triple sealed against dust contamination in gear case

## ELECTRICAL FEATURES

- 8' 18-2 type SJ rubber jacket cord with separate strain relief for longer cord life
- Reversing Trigger Speed Control Switch
- Self-stopping brush carbons prevent damage to commutator. Easily accessible external brush cap for quick brush inspection

LOCATOR ASSEMBLY FOR 6753-1

RED  
CATALOG NOS.  
ARE STANDARD  
EQUIPMENT

			
Gear Case "O" Ring <b>34-40-1250</b>	Locator Assembly <b>49-26-1030</b> (Molded Nylon with metal tip)	Magnetic Bit Holder <b>48-32-3065</b>	1" Long Phillips Insert Bits ♦ #1 Phillips <b>48-32-1030</b> #2 Phillips <b>48-32-1050</b>

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See Page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PG. 99

## SCREW-SHOOTER ACCESSORIES

BELT CLIP  
NO. 48-67-0100



STEEL  
CARRYING  
CASE  
NO. 48-55-0710  
OVERALL SIZE  
13" long,  
6" high,  
8-1/2" wide.



TYPE "E" GREASE  
NO. 49-08-4121  
1 Lb. Can





# HEAVY-DUTY DRYWALL SCREW-SHOOTERS



ALL BALL AND  
ROLLER BEARINGS

**NO. 6750-1**  
**TRIGGER SPEED**  
**CONTROL REVERSING**  
**0-4000 RPM WITH LOCK ON**  
**AT 2500 OR 4000 RPM**

**3**  
**MODELS**

**6747-1**

REVERSING 2500 RPM

**6750-1**

TRIGGER SPEED CONTROL REVERSING 0-4000 RPM

**6751-1**

REVERSING - HIGH SPEED - 4000 RPM

- POSITIVE DRIVE CLUTCH
- CONVENIENT REVERSING SWITCH
- POWERFUL MILWAUKEE 4.5 AMP MOTOR
- MINIMUM OFFSET FOR CLOSE QUARTER WORK

## • SIMPLE POSITIVE DEPTH ADJUSTMENT

Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Each 1/4 turn equals 1/64" change in depth. Molded nose assembly is permanently lubricated and will not rust or corrode.



**HEAVY-DUTY**  
**DEEP CORRUGATION KIT**  
**No. 49-22-1510**

Kit consists of Depth Adjuster, 49-26-2500; Socket Driver, 48-32-2055 and two Locator Tips, 5/16" 49-78-0312 and 3/8" 49-78-0375.

Permits depth-adjustable driving of 5/16" and 3/8" hex head screws into deep, narrow corrugation, or flush to side walls. Locator tips can be rotated for alignment.

Note: Must be used with 48-32-2500 Bit Housing (Provided with models 6798-1 & 6747-1) or 48-32-2505 Bit Housing (Provided with models 6794-1 & 6744-1.) 5/16" & 3/8" sockets not furnished.

FITS THE FOLLOWING LIST OF MILWAUKEE SCREW-SHOOTERS FOR USE WITH SELF-DRILLING, SELF-TAPPING FASTENERS

<b>NO. 6543-1</b> 0-1000 RPM POSITIVE DRIVE	<b>NO. 6793-1</b> 0-2000 RPM POSITIVE DRIVE
<b>6744-1</b> 2500 RPM POSITIVE DRIVE	<b>6794-1</b> 0-2500 RPM POSITIVE DRIVE
<b>6747-1</b> 2500 RPM POSITIVE DRIVE	<b>6798-1</b> 0-2500 RPM POSITIVE DRIVE
<b>6749-1</b> 0-2500 RPM POSITIVE DRIVE	

## SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
<b>6747-1</b> ★	120 AC	4.5	2500	1/4" Hex	3/4"	10-1/4	4	7
<b>6750-1</b>	120 AC ONLY	4.5	0-4000	1/4" Hex	3/4"	10-1/4	4	7
<b>6751-1</b>	120 AC	4.5	4000	1/4" Hex	3/4"	10-1/4	4	7

★ Available in 240 Volts AC. Add -3 after Catalog Number when ordering. See price sheet.

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.

STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator No. 49-26-1040.

DEEP CORRUGATION KIT AVAILABLE FOR 6747-1 AT RIGHT.

CARRYING CASE, HOLSTER, GREASE AVAILABLE SEE BELOW.

## CONVERSION KIT NO. 49-22-1520

Nose assembly fits previous MILWAUKEE Drywall Screw-Shooters. Consists of Bit Housing NO. 48-32-2500 and Locator Sleeve NO. 49-26-1040.

## BIT HOUSING & LOCATORS FOR 6747-1, 6750-1 & 6751-1 POSITIVE DRIVE

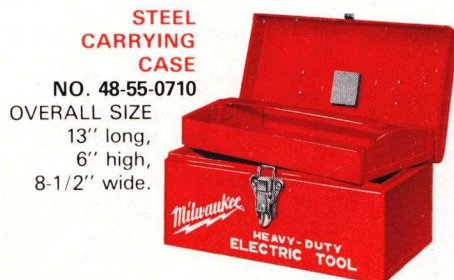
RED  
CATALOG NOS.  
ARE STANDARD  
EQUIP.

Bit Housing <b>48-32-2500</b> (Fine Threads)	Locator Assembly <b>49-26-1040</b> (Molded Nylon)  Locator Assembly <b>49-26-1026</b> (Cast Aluminum)	Magnetic Bit Holder <b>48-32-3025</b>	"O" Ring Only for Bit Holder <b>48-32-3045</b>	Nose End Only for Bit Holder <b>48-32-3040</b>	1" Long Phillips Insert Bits ♦ #1 Phillips <b>48-32-1030</b> #2 Phillips <b>48-32-1050</b>	1/4" Hex Magnetic Socket <b>49-66-0800</b>

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PG. 99

## SCREW-SHOOTER ACCESSORIES Available for ALL MILWAUKEE Screw-Shooters and Hole-Shooters.



**STEEL**  
**CARRYING**  
**CASE**  
**NO. 48-55-0710**  
OVERALL SIZE  
13" long,  
6" high,  
8-1/2" wide.



**TOOL**  
**HOLSTER**  
**NO.**  
**49-17-0200**  
Fits belts to  
3" wide.

**TYPE "A" GREASE**  
**NO. 49-08-0500**  
1/2 Lb. Can  
**NO. 49-08-0800**  
1 Lb. Can





# HEAVY-DUTY MAGNUM® DRYWALL SCREW-SHOOTERS

**POWERFUL!  
SERVICEABLE!**

LIGHTWEIGHT  
**ALUMINUM**  
LOCATOR ASSEMBLY  
NO. 49-26-1026



**6744-1**

REVERSING 2500 RPM

**6749-1**

TRIGGER SPEED CONTROL REVERSING  
0-2500 RPM

**6754-1**

TRIGGER SPEED CONTROL REVERSING  
0-4000 RPM

## SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6744-1	120 AC	4.5	2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
6749-1	120 AC Only	4.5	0-2500	1/4" Hex	7/8"	10-1/2	4-1/2	8
6754-1	120 AC Only	4.5	0-4000	1/4" Hex	7/8"	10-1/4	4-1/2	8

**NOTE:** Models have reversing type motor and are equipped with lockable trigger switch.

**STANDARD EQUIPMENT:** #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator No. 49-26-1026. 8' Quik-Lok Cord Set.

## EXCLUSIVE MAGNUM® FEATURES

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **COMFORTABLE TWO FINGER TRIGGER**
- **FOUR POSITION HAND GRIP FOR ANY APPLICATION**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE**

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE — SEE P. 94

DEEP CORRUGATION KIT AVAILABLE FOR MODELS 6744-1 AND 6749-1 — SEE P. 94

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM — REMOVABLE BRUSH CARTRIDGE...**change brushes in less than one minute anywhere, with only a screwdriver. **CAUTION — Before servicing, disconnect power cord.** Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. **SELF-STOPPING BRUSHES.** Instant brush replacement by using spares stored in cartridge system.

## QUIK-LOK CORD SETS

Quick detachment from tool for tangle free carrying and storage. Instant field repair, safe replacement.



DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050



EXTRA CARBONS

EXTRA SCREW



RED CATALOG NOS. ARE STANDARD EQUIP.

## BIT HOUSING & LOCATORS FOR 6744-1 & 6754-1 POSITIVE DRIVE

Bit Housing <b>48-32-2500 *</b> (Fine Thread)	Locator Assembly <b>49-26-1040</b> (Molded Nylon)	Magnetic Bit Holder <b>48-32-3025</b>	"O" Ring Only for Bit Holder <b>48-32-3045</b>	Nose End Only for Bit Holder <b>48-32-3040</b>	1" Long Phillips Insert Bits ♦ <b>#1 Phillips 48-32-1030</b> <b>#2 Phillips 48-32-1050</b>	1/4" Hex Magnetic Socket <b>49-66-0800</b>
	Locator Assembly <b>49-26-1026</b> (Cast Aluminum)					

\* Previous nylon gearcase models require No. 48-32-2505.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PG. 99

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS



TEKS®  
registered trademark of  
Illinois Tool Works, Inc.

ALL BALL AND  
ROLLER BEARINGS

- **POSITIVE DRIVE CLUTCH**

Engages when pressure is applied. Driving action stops and clutch disengages when pressure is released or when locator contacts work surface. Depth control is adjustable in increments of 1/64" from outside of tool.

- **NON-MARRING LOCATORS**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

## 6798-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR  
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.



FOR NO-HUB APPLICATIONS  
SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**

Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.

- **ADJUSTABLE FROM 0 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

## 6783-1 REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM EXCLUSIVE BIT GUIDES

CAPACITY: 1/4" SCREW IN 3/16" COLD ROLLED STEEL OR  
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6798-1 REV.★	120	4.5	0-2500	1/4" Hex	3/4"	9-1/2	3-3/4	7

★ Available in 240 Volts AC Only. Add -3 after Catalog Number when ordering. See price sheet. "REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

**STANDARD EQUIPMENT:** 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16" Locators.

**DEEP CORRUGATION KIT AVAILABLE — SEE P. 94**

**CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE P. 94**

BIT HOUSING & LOCATORS FOR 6798-1 POSITIVE DRIVE  
HEX HEAD SCREWS — USING SOCKET & DRIVER

HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET
1/4"		49-26-0250	1/4" Sq. x	49-66-3000
5/16"	48-32-2500	49-26-0312	2" Long	49-66-3010
3/8"		49-26-0375	48-32-2050	49-66-3020
7/16"		49-26-0600		49-66-3030

HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS

HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC
1/4"		49-26-0250	49-66-3006
5/16"	48-32-2500	49-26-0312	49-66-3016
3/8"		49-26-0375	49-66-3026

PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS

TYPE OF SET-UP	BIT HOUSING	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS
Magnetic		49-26-1040	48-32-3025	Select Bits with Key Letters T, U, or W from Page 99.
		49-26-1026		
Non-Magnetic	48-32-2500	49-26-0250	48-32-3050	

**NOTE:** For Slotted, Frearson and Clutch Head Screws, use accessories as shown for Model 6543-1, P. 98.

BIT GUIDES FOR 6783-1 ADJUSTABLE TORQUE  
HEX HEAD SCREWS — USING ONE PIECE EXTENSION

HEX SIZE	BIT GUIDE	MAGNETIC EXTENSION	NON-MAG. EXTENSION
1/4"	48-32-0250	49-66-3006	
5/16"	48-32-0312	49-66-3016	49-66-3015
3/8"	48-32-0375	49-66-3026	

HEX HEAD SCREWS — USING SOCKET & DRIVER

HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-0250	1/4" Sq. x	49-66-3000
5/16"	48-32-0312	2" Long	49-66-3010
3/8"	48-32-0375	48-32-2050	49-66-3020

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 99.
Non-Magnetic	48-32-0250	48-32-3050	

**NOTE:** For Slotted Screws and Hex Nuts, use accessories as shown for Model 6583-1 on P. 98.

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE PG. 99

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY MAGNUM<sup>®</sup> SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS<sup>®</sup> FASTENERS

TEKS<sup>®</sup>  
registered trademark of  
Illinois Tool Works, Inc.

**6793-1**

**HIGH TORQUE**

**MAGNUM<sup>®</sup> SCREW-SHOOTER**

REVERSING...TRIGGER SPEED CONTROL 0-2000 RPM  
HIGH TORQUE, LOWER RPM FOR REDUCED SCREW  
POINT BURNING.

**CAPACITY:**

1/4" SCREW IN 1/4" COLD ROLLED STEEL OR  
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

Lower RPM provides 25% more torque available than Model 6794-1 for  
fastening 1-1/8" plywood and other compressible decking materials to  
1/8" steel joists using self-drilling and self-tapping fasteners.

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6793-1 REV.	120	4.5	0-2000	1/4" HEX	7/8"	10-1/2	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

**STANDARD EQUIPMENT:** 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16"  
Locators. 8' Quik-Lok Cord Set No. 48-76-3008.



**6794-1**

REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM  
FOR EASY, ACCURATE DRIVING

**CAPACITY:**

1/4" SCREW IN 1/4" COLD ROLLED STEEL OR  
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6794-1 REV.	120	4.5	0-2500	1/4" HEX	7/8"	10-1/2	4-1/2	8

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

**STANDARD EQUIPMENT:** 5/16" Hex One Piece Socket Extension and 1/4", 5/16", 3/8" and 7/16"  
Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE — SEE P. 94

DEEP CORRUGATION KIT AVAILABLE — SEE P. 94

## EXCLUSIVE MAGNUM<sup>®</sup> FEATURES

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH**  
prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of  
a screw driving cycle. This reduces clutch wear, and when depth sensing  
nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT.**  
8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE.

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM —  
REMOVABLE BRUSH CARTRIDGE...**change brushes in  
less than one minute anywhere, with only a screwdriver.  
**CAUTION — Before servicing, disconnect power cord.** Next,  
loosen Phillips/slotted brush-holder screw and pull out car-  
tridge. SELF-STOPPING BRUSHES. Instant brush replace-  
ment by using spares stored in cartridge system.



**3 WIRE CORD SET  
FOR TOOL NO. 6793-1  
AND NO. 6794-1**

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050












EXTRA SCREW

## BIT HOUSING & LOCATORS FOR 6793-1 AND 6794-1 POSITIVE DRIVE SCREW-SHOOTERS

RED  
CATALOG NOS.  
ARE STANDARD  
EQUIP.

CATALOG  
ARE STANDARD  
EQUIP.

HEX HEAD SCREWS — USING SOCKET & DRIVER					HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS			PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS				
												
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET	HEX SIZE	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC	TYPE OF SET-UP	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BITS	
1/4"		49-26-0250		49-66-3000	1/4"	49-26-0250	49-66-3006	Magnetic	49-26-1040	48-32-3025	Select Bits with Key Letters T, U or W from Page 99	
5/16"	48-32-2500 *	49-26-0312	1/4" Sq. x	49-66-3010	5/16"	49-26-0312	49-66-3016		Non- Magnetic	49-26-1026		
3/8"	(Fine Thread)	49-26-0375	2" Long	49-66-3020	3/8"	49-26-0375	49-66-3026					
7/16"		49-26-0600	48-32-2050	49-66-3030						49-26-0250		48-32-3050

\* Previous nylon gearcase models require No. 48-32-2505

♦ Bulk packages of 1" long Phillips Insert Bits are available  
in quantities of 25 and 50. See page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE PG. 99

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY SCREW-SHOOTER

FOR WOOD SCREWS



ALL BALL  
AND ROLLER  
BEARINGS

- **POSITIVE DRIVE CLUTCH**  
Clutch engages when pressure is applied and stops when pressure is released. Torque is maintained while pressure is applied.
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**
- **EXCLUSIVE SNAP-IN BIT GUIDE DESIGN**  
PROVIDES MAXIMUM SUPPORT, GREATLY REDUCING BIT WOBBLE

**6543-1** REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM

**CAPACITY:** SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG  
SOFT WOOD WITHOUT PILOT HOLE — TO #16  
HARD WOOD WITH PILOT HOLE — TO #16  
HARD WOOD WITHOUT PILOT HOLE — TO #12

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
6543-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	9-3/4	4-1/2	7

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.  
**STANDARD EQUIPMENT:** 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

**DEEP CORRUGATION KIT AVAILABLE—SEE P. 94**  
**CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE P. 94**

## BIT GUIDE HOUSING & BIT GUIDES FOR 6543-1 POSITIVE DRIVE SLOTTED SCREWS

RED  
CATALOG NOS.  
ARE STANDARD  
EQUIPMENT

SCREW SIZE	BIT GUIDE HOUSING	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R		48-32-0608	48-30-2600
8F-10R		48-32-0810	48-30-2625
10F-12R	48-32-1000	48-32-1012	48-30-2650
12F-14R		48-32-1214	48-30-2675
14F-16R		48-32-1416	48-30-2700

**NOTE:**  
F = Flat Head  
R = Round Head

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE HOUSING	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS
Magnetic	48-32-1000	48-32-0608	48-32-3025	Select any
Non-Mag		48-32-0250	48-32-3050	Insert Bit

## HEX HEAD SCREWS

HEX. SIZE	BIT GUIDE HOUSING	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"		48-32-0250	1/4" Sq. x	49-66-3000
5/16"	48-32-1000	48-32-0312	2" Long	49-66-3010
3/8"		48-32-0375	48-32-2050	49-66-3020

**NOTE:** For Hex Nuts or Hex Head Screws, using one piece extensions, use accessories as shown for Model 6583-1, plus Bit Guide Housing, NO. 48-32-1000.

# HEAVY-DUTY SCREW- SHOOTER—NUT RUNNER

FOR MACHINE AND SHEET METAL SCREWS AND NUTS



FOR NO-HUB APPLICATIONS  
SET TORQUE AT 60 INCH-LBS.

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**  
Torque output is easily changed externally by turning adjusting ring. Locking collar positively holds setting. Clutch disengages and driving action stops where pre-set torque is reached.
- **ADJUSTABLE FROM 0 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

**6583-1** REVERSING...TRIGGER SPEED CONTROL 0-1000 RPM

**CAPACITY:** TAPPING SCREWS — TO 1/4" IN 3/16" MILD STEEL  
MACHINE SCREWS AND NUTS — TO 1/4"

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
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**6583-1 REV.★** 120 4.5 0-1000 1/4" Hex 3/4" 10-1/4 5 7-1/2

★ Available in 240 Volts AC Only. Add -3 after Catalog Number when ordering. See price sheet.  
"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

**STANDARD EQUIPMENT:** 6F-8R Bit and Finder, 10F-12R Bit and Finder, 6F-8R Bit Guide, 10F-12R Bit Guide, #2 Phillips Insert Bit, Non. Mag. Bit Holder and 1/4" Bit Guide.

**CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE P. 94**

## BIT GUIDES FOR 6583-1 ADJUSTABLE TORQUE SLOTTED SCREWS

RED  
CATALOG NOS.  
ARE STANDARD  
EQUIPMENT

SCREW SIZE	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R	48-32-0608	48-30-2600
8F-10R	48-32-0810	48-30-2625
10F-12R	48-32-1012	48-30-2650
12F-14R	48-32-1214	48-30-2675
14F-16R	48-32-1416	48-30-2700

**NOTE:**  
F = Flat Head  
R = Round Head

PHILLIPS, POSIDRIV®, FREARSON, ROBERTSON

TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	NO. 48-32-1050 STANDARD EQUIP. INSERT BITS
Magnetic	48-32-0608	48-32-3025	Select any
Non-Magnetic	48-32-0250	48-32-3050	Insert Bit from Page 99.

## HEX NUTS (SOCKETS HAVE BOLT CLEARANCE)

HEX. SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC 2" LG. NUT SOCKET
1/4"	48-32-0608		49-66-3002
5/16"	48-32-0810	1/4" Sq. x 2" Lg.	49-66-3012
3/8"	48-32-1012	48-32-2050	49-66-3022

**NOTE:** For Hex Head Screws, use accessories as shown for Model 6783-1 on Pg. 96.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 25 and 50. See Page 99.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PG. 99

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

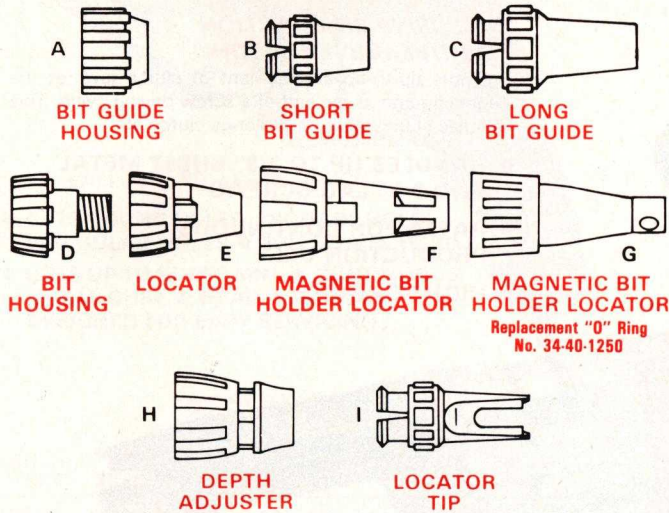




# HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

## SCREW-SHOOTER NOSE PIECE ASSEMBLIES

Milwaukee Locators Provide Wobble-Free Screwdriving—Plus Depth Adjustments



	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER *
Wood and Sheet Metal Screws	A	Bit Guide Housing	48-32-1000	43, 44, 47, 49, 50, 51 54, 93, 94, 98
	B1	1/4" Hex Bit Guide	48-32-0250	43, 44, 47, 49, 50, 54
	B2	5/16" Hex Bit Guide	48-32-0312	83, 93, 94, 98
	B3	3/8" Hex Bit Guide	48-32-0375	43, 44, 47, 49, 83, 93, 94, 98
	C1	6F-8R Bit Guide	48-32-0608	43, 44, 47, 49, 50, 54 83, 93, 94, 98
	C2	8F-10R Bit Guide	48-32-0810	43, 44, 47, 49 83, 93, 94, 98
	C3	10F-12R Bit Guide	48-32-1012	
	C4	12F-14R Bit Guide	48-32-1214	
	C5	14F-16R Bit Guide	48-32-1416	
	D1	Bit Housing (Fine Thread)	48-32-2500	43, 44, 47, 49, 50, 51 54, 93, 94, 98
Drywall and Self-Drilling Screws	D2	Bit Housing (Coarse Thread)	48-32-2505	44, 54, 94●
	E1	1/4" Hex Locator	49-26-0250	43, 44, 47, 49, 50, 51
	E2	5/16" Hex Locator	49-26-0312	54, 93, 94, 98
	E3	3/8" Hex Locator	49-26-0375	43, 44, 47, 49, 93, 94, 98
	E4	7/16" Hex Locator	49-26-0600	
	F1	Molded Drywall Locator	43-26-1040	43, 44, 47, 49, 50, 51
	F2	Aluminum Drywall Locator	49-26-1026	54, 93, 94, 98
	G	Molded Drywall Locator	49-26-1030	53
	H	Depth Adjuster	49-26-2500	43, 44, 47, 49, 93, 94, 98
	I1	5/16" Hex Locator Tip	49-78-0312	43, 44, 47, 49, 93, 94, 98
Self-Drilling Screws	I2	3/8" Hex Locator Tip	49-78-0375	

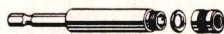
### \*MODEL NUMBER KEY

43-6543-1 49-6749-1 53-6753-1 83-6583-1 93-6793-1  
44-6744-1 50-6750-1 54-6754-1 or 6783-1 94-6794-1  
47-6747-1 51-6751-1 98-6798-1

● Previous nylon gearcase models require coarse threads.

## SCREWDRIVING ACCESSORIES

### BIT HOLDERS • SOCKETS • EXTENSIONS • BITS and FINDERS



**1/4" HEX MAGNETIC BIT HOLDER**  
NO. 48-32-3025

**"O" RING ONLY FOR ABOVE**  
NO. 48-32-3045

**NOSE END ONLY FOR ABOVE**  
NO. 48-32-3040



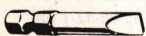
**SCREWDRIVER BIT SET**  
NO. 48-30-0100

Set includes one each of:

NO. 48-30-1500 #3 Phillips Bit 1/4" Hex  
NO. 48-30-1510 #1 Phillips Bit 1/4" Hex  
NO. 48-30-1520 #2 Phillips Bit 1/4" Hex  
NO. 48-30-2600 Bit and Finder 6F-8R 1/4" Hex  
NO. 48-30-2625 Bit and Finder 8F-10R 1/4" Hex  
NO. 48-30-2650 Bit and Finder 10F-12R 1/4" Hex  
NO. 48-32-2050 1/4" Sq. Socket Driver

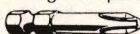
## ACCESSORIES FOR PREVIOUS MILWAUKEE 1/4" HEX SHANK DRIVERS

1-15/16" Long Bits  
for Slotted Head Screws



**BIT**

2" Long Phillips Bits



**PHILLIPS BIT**

SCREW SIZE	BIT CATALOG NO.
6F-8R	48-30-0500
8F-10R	48-30-0505
10F-12R	48-30-0510
12F-14R	48-30-0515

#1 NO. 48-30-1510  
#2 NO. 48-30-1520  
#3 NO. 48-30-1500

### INSERT BITS

KEY	DESCRIPTION	SIZE	CATALOG NO.	FOR USE WITH
J	Magnetic Bit Holder		48-32-3025	G, F1, F2 or C1
K	Magnetic Bit Holder		48-32-3065	G, F1, F2 or C1
L	Non-Mag. Bit Holder		48-32-3050	E1 or B1
M1	1/4" Sq. x 2" Socket Driver		48-32-2050	N-O
M2	1/4" Sq. x 4" Socket Driver		48-32-2055	H-I
N1	Hex Sockets Only Magnetic	1/4"	49-66-3000	M1 & E1 or B1
N2		5/16"	49-66-3010	M1 & E2 or B2
N3		3/8"	49-66-3020	M1 & E3 or B3
N4		7/16"	49-66-3030	M1 & E4
O1	2" Lg. Hex Nut Mag- netic Sockets With Bolt Clearance	1/4"	49-66-3002	M1 & C1
O2		5/16"	49-66-3012	M1 & C2
O3		3/8"	49-66-3022	M1 & C3
P	1 Pc. Hex Socket Extension Non-Magnetic	5/16"	49-66-3015	E2 or B2
Q1	1 Pc. Hex Socket Extension Magnetic	1/4"	49-66-3006	E1 or B1
Q2		5/16"	49-66-3016	E2 or B2
Q3		3/8"	49-66-3026	E3 or B3
R1	Bit and Finder Combinations (Slotted Screws)	6F-8R	48-30-2600	C1
R2		8F-10R	48-30-2625	C2
R3		10F-12R	48-30-2650	C3
R4		12F-14R	48-30-2675	C4
R5		14F-16R	48-30-2700	C5
S1	Replacement Bits for Bit and Finder Combina- tions 3-1/2" long	6F-8R	48-30-0750	R1
S2		8F-10R	48-30-0770	R2
S3		10F-12R	48-30-0790	R3
S4		12F-14R	48-30-0800	R4
S5		14F-16R	48-30-0805	R5
T1	Phillips 1" long	#1	48-32-1030	J, K & L
T1		#1 (QTY. OF 25)	48-32-1031	
T1		#1 (QTY. OF 50)	48-32-1032	
T2		#2	48-32-1050	
T2		#2 (QTY. OF 25)	48-32-1051	
T2		#2 (QTY. OF 50)	48-32-1052	
T3		#3	48-32-1070	
U1	Posidriv® 1" long	#1	48-32-1120	
U2		#2	48-32-1125	
U3		#3	48-32-1130	
V1	Frearson (Reed & Prince)	1-1/8" long	48-32-1110	
V2		#2	48-32-1115	
W1	Square Drive (Robertson)	#1	48-32-1205	
W2		#2	48-32-1210	
W3		#3	48-32-1215	
X1	Slotted Screw Insert Bits 1-1/2" long	6F-8R	48-32-0050	It is Recommended Slotted Screws Be Driven With R1 thru R5
X2		8F-10R	48-32-0060	
X3		10F-12R	48-32-0070	
X4		12F-14R	48-32-0080	
X5		14F-16R	48-32-0090	
Y1	Magnetic Insert Socket	1/4"	49-66-0800	J, K & L
Y2		1/4"	49-66-0750	





# HEAVY-DUTY "D" HANDLE SCREW-SHOOTERS

7/16" HEX POSITIVE DRIVE TRIGGER SPEED CONTROL — REVERSING SWITCH



**6627-1**  
0-750 RPM  
REVERSING

## MILWAUKEE ELECTRONICS HEAVY-DUTY TRIAC SPEED CONTROL SWITCH

RUGGED NEW INDUSTRIAL/CONSTRUCTION SPEED CONTROL FOR HIGH POWER APPLICATIONS. MILWAUKEE'S unique electronic design with remote heat sink reduces electrical switching temperatures — expands the usable range of trigger speed control switches to tools rated for heavy amp loads and the toughest applications. Designed for smooth, precise speed control and greatly extended switch life.

Double Insulated Construction with 3 wire grounded system.

## EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH

prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear — prolongs clutch life.

- HANDLES UP TO 3/8" SHEET METAL AND 3/8" LAG SCREWS
- RATED FOR CONTINUOUS PRODUCTION USE
- HIGH TORQUE



**6657-1**  
0-2000 RPM  
REVERSING  
(LOCATOR  
ASSEMBLY  
INCLUDED)

- QUIK-LOK CORD SETS
- DURABLE HANDLE
- ALL BALL AND ROLLER BEARINGS

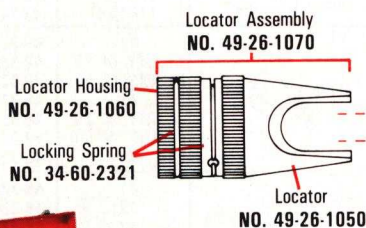
## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	CHUCK TYPE	DRIVE	LAG SCREWS		WOOD SCREWS	TEKS® ■	METAL SCREWS		LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
						Softwood	Hardwood	Softwood & Hardwood		Thread Forming	Thread Cutting			
6627-1	120	6.0	0-750	QUICK	7/16" HEX	3/8"▲	5/16"▲	#20▲	1/4"-20●	3/8"-16▲	3/8"-16▲	15	7	10
6657-1	120	6.0	0-2000	CHANGE	7/16" HEX	—	—	#18▲	1/4"-20	3/8"-16▲	3/8"-16▲	16-1/8	8	11

**STANDARD EQUIPMENT:** Side Handle No. 43-62-0605 and 8' Quik-Lok Cord No. 48-76-3008. Locator Assembly No. 49-26-1070 is included with Model 6657-1 only.  
TEKS® registered trademark of Illinois Tool Works, Inc. ■ Self-drilling, self-tapping screws, no pilot holes required.  
▲ Pilot holes are recommended before installing screws. ● Must use optional Locator Assembly No. 49-26-1070.

## ACCESSORIES

### TYPE "A" GREASE NO. 49-08-0800 1 Lb. Can



- Bit Holder "O" Ring Nose End
- NO. 48-32-3060 7/16" HEX MAGNETIC INSERT BIT HOLDER  
NO. 48-32-3075 "O" RING FOR INSERT BIT HOLDER  
NO. 48-32-3080 NOSE END FOR INSERT BIT HOLDER
- Locking Pin
- Socket Driver  
NO. 48-32-2510

- 5/16" HEX SLOTTED SCREW INSERT BITS
- SIZE
- NO. 48-32-0412 12F-14R  
NO. 48-32-0414 14F-16R  
NO. 48-32-0416 18F-20R  
NO. 48-32-0418 20F-24R

- HEX SOCKETS—MAGNETIC
- SIZE
- NO. 49-66-3170 5/16"  
NO. 49-66-3180 3/8"  
NO. 49-66-3190 7/16"  
NO. 49-66-3200 1/2"

- 5/16" HEX, PHILLIPS INSERT BITS
- SIZE
- NO. 48-32-1090 #3  
NO. 48-32-1100 #4

### STEEL CARRYING CASE NO. 48-55-1410

- Case designed to fit Screw-Shooter with Locator Assembly
- Heavy-Duty 20 Gauge steel construction
- Large storage area for extra accessories and Quik-Lok Cords
- Front mounted steel handle provides comfortable well balanced suitcase-style carrying



- QUIK-LOK CORD SETS**
- 8' QUIK-LOK NO. 48-76-3008  
25' QUIK-LOK NO. 48-76-3025  
50' QUIK-LOK NO. 48-76-3050







# HEAVY-DUTY SHEARS

**6850**

**SWIVEL HEAD 18 GAUGE**



**BALL AND ROLLER BEARINGS**

- CUTS ROUND HOLES... SQUARE HOLES... IRREGULAR HOLES • 360° SWIVEL HEAD
- CUTS UP TO 15' PER MIN. • CONTINUOUS METAL CURL • HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

## SPECIFICATIONS

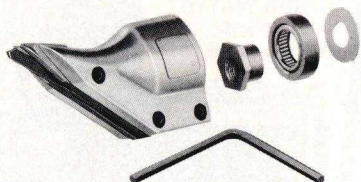
CATALOG NUMBER	CAPACITY STEEL	STAINLESS	VOLTS	AMPS	CUTTING SPEED FT./MIN.	MIN. RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6850	18 Ga.	20 Ga.	120 AC	3.3	15	7"	4	6

## ACCESSORIES

- 48-44-0150 Center Blade
- 48-44-0160 Left Blade
- 48-44-0170 Right Blade
- 49-08-4121 1 lb. Can "E" Grease
- 49-96-0070 5/32" Hex Socket Wrench

## SWIVEL SHEAR HEAD ASSEMBLY

NO. 48-08-0500  
Use with MILWAUKEE 1/4" HOLE-SHOOTER No. 0181. See page 9 for Hole-Shooter specifications.



**6860**

**SCISSORS SHEAR**



**2500 STROKES PER MIN.**

**BALL AND ROLLER BEARINGS**

- FOR CUTTING PLIABLE MATERIALS SUCH AS CARPETING, CARPET UNDERLAY, LINOLEUM, VINYL, FABRIC AND CHIPBOARD
- NOT RECOMMENDED FOR CUTTING SHEET METAL • 360° SWIVEL HEAD
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

## SPECIFICATIONS

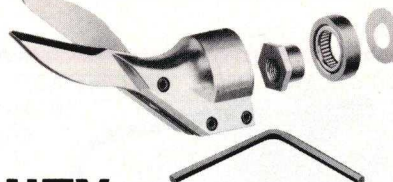
CATALOG NUMBER	VOLTS	AMPS	STROKES PER MIN.	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
6860	120	3.3	2500	12-1/4	4	6

## ACCESSORIES

- 48-44-0180 Moveable Scissor Blade
- 48-44-0190 Stationary Scissor Blade
- 49-08-4121 1 lb. Can "E" Grease
- 49-96-0070 5/32" Hex Socket Wrench

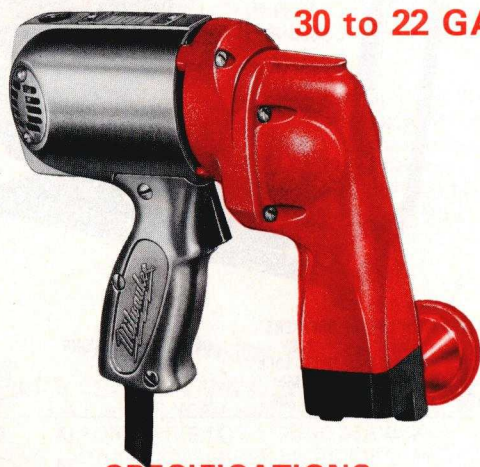
## SCISSORS HEAD ASSEMBLY

NO. 48-08-0525  
Use with MILWAUKEE 1/4" HOLE-SHOOTER No. 0181. See page 9 for Hole-Shooter specifications.



# HEAVY-DUTY "PITTSBURGH LOCK" HAMMER 5400

**30 to 22 GAUGE SHEET METAL**



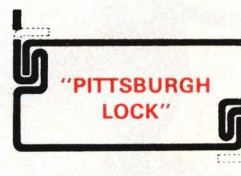
## SPECIFICATIONS

CATALOG NUMBER	CAPACITY	FT./MIN.	VOLTS	AMPS	NET WGT.	SHP. WGT.
5400	30 to 22 Ga.	20' Max.	115	2.7	10	14

## ACCESSORIES

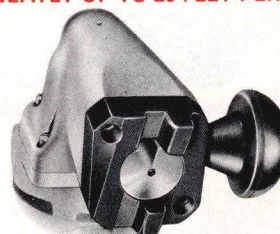
NO. 49-08-4121 1 lb. Can "E" Grease

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



**CLOSES SEAMS NEATLY UP TO 20 FEET PER MIN.**

**BALL AND ROLLER BEARINGS**



SPECIALLY DESIGNED HAMMER OF HARDENED TOOL STEEL. CLOSES SEAMS FLUSH AND SECURE. SHOE GUIDE ASSURES PROPER POSITIONING.

- SPLIT HANDLE DESIGN AND REMOVABLE VENT PROVIDE ACCESS TO ALL ELECTRICAL CONNECTIONS FOR EASY INSPECTION AND CLEANING.
- POSITION OF HANDLE AFFORDS POSITIVE CONTROL AND BALANCE
- AUXILIARY KNOB HANDLE FOR TWO HAND OPERATION ON HEAVY GAUGE METALS
- GUIDES EASILY ALONG SEAM ON STRAIGHT RUNS OR CURVES





# HEAVY-DUTY ALTERNATORS

RELIABLE LOW COST POWER

Advanced design revolving field alternators offer superior electrical performance with less weight, less maintenance and less cost. Full power output is obtained from stationary coils through solid connections

eliminating arcing and sparking. Brushes in alternator ride on smooth slip rings and carry only low control current with practically no brush wear.

- ALL RECEPTACLES ARE PROTECTED WITH CIRCUIT BREAKERS
- ADVANCE DESIGN Revolving field alternator construction eliminates AC slip rings and DC commutators
- FULL CAPACITY SWITCH — NOS. 4655 and 4772
- MULTIPLE CHOICE RECEPTACLE PANEL
- NATIONALLY RECOGNIZED GASOLINE ENGINES
- LARGE FUEL TANK CAPACITIES
- MANUAL CHOKE ON ALL MODELS
- APPROVED SPARK ARRESTER MUFFLER

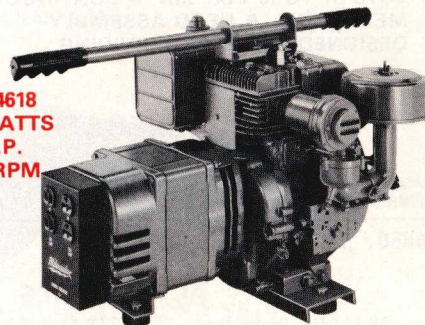
NO. 4453  
1750 WATTS  
4 H.P.  
3600 RPM



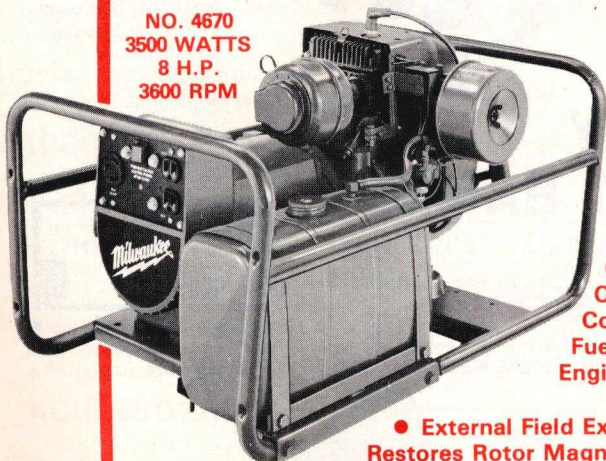
NO. 4505  
2250 WATTS  
5 H.P.  
3600 RPM



NO. 4618  
3000 WATTS  
7 H.P.  
3600 RPM



NO. 4670  
3500 WATTS  
8 H.P.  
3600 RPM

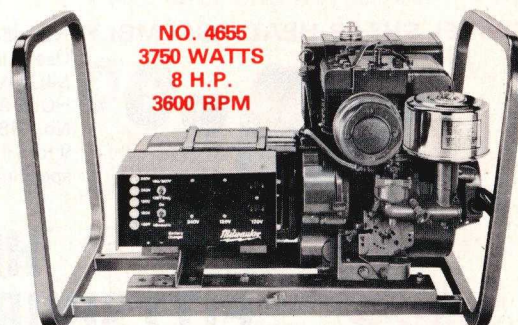


- Cast Iron Kohler Engine
- Two Gallon Capacity Fuel Tank

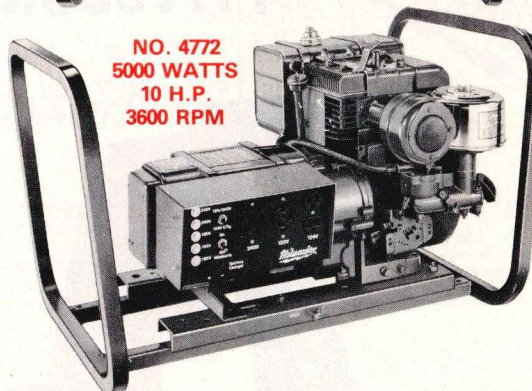
- Built-in Constant Operating Idle-Control — Saves Fuel, Reduces Engine Wear

- External Field Exciting Switch — Restores Rotor Magnetism

NO. 4655  
3750 WATTS  
8 H.P.  
3600 RPM



NO. 4772  
5000 WATTS  
10 H.P.  
3600 RPM



## SPECIFICATIONS

CATALOG NUMBER	WATTS	H.P.	ENGINE 1 CYL.	START	FUEL TANK (GAL.)	VOLTS AC	TOTAL AMPS OUTPUT 120/240	OUTPUT RECEPTACLES WITH CIRCUIT BREAKERS				OVERALL DIMENSIONS IN INCHES			NET WGT. (LBS.)	SHP. WGT. (LBS.)
								120V 2 POLE NEMA #5-15R	120V TWIST LOCK NEMA #L5-30R	240V 2 POLE NEMA #6-15R	240V TWIST LOCK NEMA #L6-20R	L.	W.	H.		
4453	1750	4	B & S	Recoil	3/4	120	14.6	2	—	—	—	21.5	15	14	67	83
4505	2250	5	B & S	Recoil	3/4	120	18.8	4	—	—	—	21.5	15	14	70	85
4618	3000	7	B & S	Recoil	1	120/240	25/12.5	2	—	2	—	31	18.5	17	105	120
4670 *	3500	8	Kohler	Recoil	2	120	30	2	1	—	—	28.5	17	16.5	132	165
4655	3750	8	B & S	Recoil	1-1/2	120/240	31.2/15.6	2	1	—	1	35	24.5	21	125	145
4772	5000	10	B & S	Recoil	1-1/2	120/240	41/20.5	2	1	—	1	35	24.5	21	152	172

\* STANDARD EQUIPMENT: Includes Built-in Constant Operating Idle-Control.





# HEAVY-DUTY ALTERNATORS

## ACCESSORIES

### DOLLY CONVERSION NO. 48-83-0130

For Alternator No. 4670. Consists of push handle, rest and wheel assemblies. 8" dia., hard rubber, heavy-duty tires.

### DOLLY CONVERSION NO. 48-83-0125

For Alternator Nos. 4655, 4772. Consists of push handle, rest and wheel assemblies. 8" dia., semi-pneumatic, heavy-duty tires. Wheels have roller bearings. Net weight 14 lbs. Shipping weight 19 lbs.

### \* BATTERY CHARGING KIT NO. 48-59-0155

For Alternator Nos. 4655, 4772. Designed for 12-volt battery charging only — provides 12 volts DC at 5-8 amps continuous charging current. Unit includes two 10 foot cables with battery clips and is fuse protected.

### \* IDLE CONTROL KIT NO. 48-72-0016

For Alternator Nos. 4655, 4772. Solid-state Idle-Control slows engine speed automatically from normal 3600 RPM (under load) to approximately 1800 RPM when electrical load is removed. Allowing longer engine life — Lower fuel consumption — Lower average noise level.

A 30 second time delay in RPM change avoids engine surging from momentary on/off loads.

We recommend installation of Idle-Control be done at a MILWAUKEE Service Center or Authorized Service Station.

\* Only available in kit form — Not available as standard equipment.

### TWIST LOCK PLUGS

**PLUG Part No. 23-36-0260** (Order separately) 30A 125V twist lock (NEMA #L5-30P) for use in output receptacle NEMA #L5-30R.

**PLUG Part No. 23-36-0240** (Order separately) 20A 250V twist lock (NEMA #L6-20P) for use in output receptacle NEMA #L6-20R.

**CAPACITY:** Alternators 4453, 4505, 4618 and 4670 — Full rated current can be drawn from a single receptacle or split between two or more receptacles.

Alternators 4655, 4772 — Full rated current can be drawn from either the 120 volt or 240 volt receptacles by use of full capacity switch except where receptacles are fused at current values below the full capacity of the alternator (requirement of the National Electrical Code). Full rated current loads can also be split between the 120 volt and 240 volt receptacles; i.e. 40% — 120 volt load and 60% — 240 volt load.

### GASOLINE ENGINE WARRANTIES

BRIGGS & STRATTON AND KOHLER GASOLINE ENGINES  
HAVE A ONE YEAR LIMITED WARRANTY —  
FOR WARRANTY ENGINE SERVICE  
CONTACT YOUR NEAREST BRIGGS & STRATTON  
OR KOHLER AUTHORIZED SERVICE CENTER  
AS LISTED IN THE 'YELLOW PAGES'  
UNDER "ENGINES — GASOLINE" OR "GASOLINE ENGINES".

## SELECTION DATA

### HOW TO SELECT YOUR MILWAUKEE ALTERNATOR

MILWAUKEE Alternators are built for continuous-duty operation at rated capacity. To determine which Alternator best fits your needs, total the watt ratings (volts × amps = watts) of all equipment (excluding electric motors) to be operated at the same time. The watt rating of the Alternator should be at least equal this total. When operating electric motors, add the "minimum wattage rating" shown in the chart below to insure good starting and to reduce disturbances to other loads. When analyzing the motor loads and required starting watts, determine which loads can be staggered. In most cases, it is impractical to have an alternator large enough to handle total connected load.

MOTOR H.P. RATING	APPROXIMATE RUNNING WATTS	MIN. WATTAGE RATING OF GENERATOR SET REQUIRED *			
		UNIVERSAL MOTOR	REPULSION INDUCTION MOTOR	CAPACITOR MOTOR	SPLIT PHASE MOTOR
1/6	275	400	600	600	1000
1/4	400	500	850	800	1500
1/3	500	600	950	1200	2000
1/2	700	750	1300	1500	2500
3/4	950	1000	1900	2100	†
1	1200	1200	2300	2500	†
1-1/2	1600	1750	3200	3200	†
2	2200	2300	3900	3500	†
3	3200	†	5200	4200	†

\* For applications with only one motor load, this would equal minimum generator set size.

† Motors of higher horsepower are not generally used.

### EXTENSION CORDS

WIRE SIZE		VOLTAGE DROP @ MAX. AMPS FOR GIVEN WIRE LENGTHS			
AWG	MAX. AMPS	25'	50'	75'	100'
4	70	.87	1.74	2.60	3.48
6	55	1.08	2.17	3.25	4.35
8	40	1.25	2.51	3.87	5.03
10	30	1.50	3.00	4.50	6.00
12	25	1.98	3.97	5.95	7.95
14	18	2.27	4.55	6.82	9.10
16	13	2.65	5.22	7.84	10.45

**NOTE:** When selecting extension cord, voltage drop should not exceed 5 volts for the rated amps and length of cord required.

### EXTENSION CORD CHART

Extension cord sizes chosen to assure a drop of not over 5 volts at rated load of tool.

Ampere rating (on Nameplate)	0- 2.00	2.10- 3.4	3.5- 5.00	5.10- 7.0	7.10- 12.0	12.1- 16.0	16.1- 20.00	
Ext. Cable Length	Wire Size							
25 Ft.	18	18	18	18	16	14	12	Not normally available as flexible extension cord.
50 Ft.	18	18	18	16	14	12	10	
75 Ft.	18	18	16	14	12	10	8	
100 Ft.	18	16	14	12	10	8	8	
150 Ft.	16	14	12	12	8	8	6	
200 Ft.	16	14	12	10	8	6	4	
300 Ft.	14	12	10	8	6	4	4	
400 Ft.	12	10	8	6	4	4	2	
500 Ft.	12	10	8	6	4	2	2	
600 Ft.	10	8	6	4	2	2	1	
800 Ft.	10	8	6	4	2	1	0	
1000 Ft.	8	6	4	2	1	0	0	





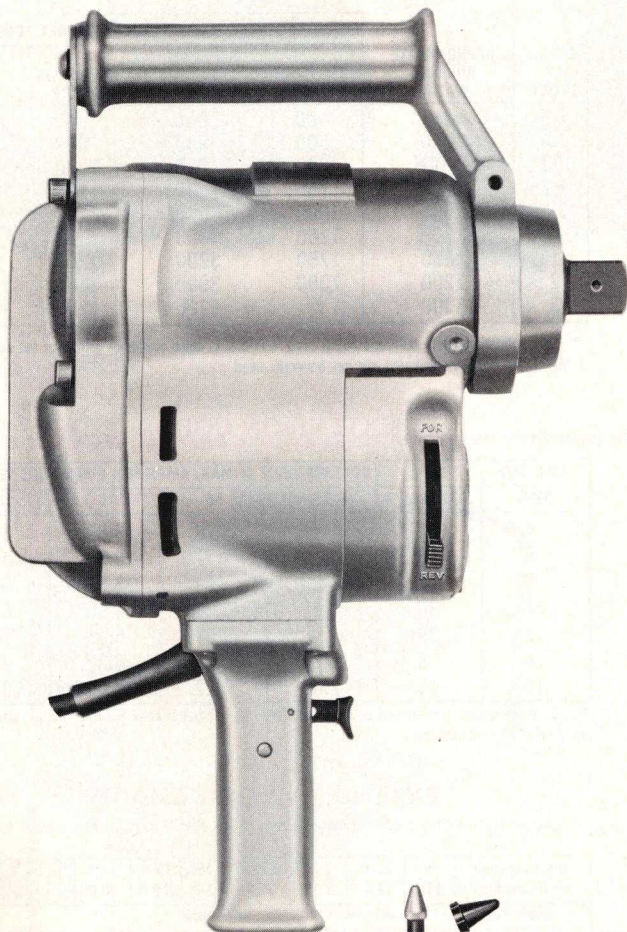
# HEAVY-DUTY IMPACT WRENCHES

WITH BALL DETENT SQUARE DRIVE

## 9080 1" SQUARE DRIVE

The most powerful impact wrench of its size for setting, running or removing bolts, nuts and studs. Ideal for steel erection, equipment maintenance and other heavy-duty industrial applications.

CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9080	115	10	900	800	450-750	14-1/8	32-1/2	38



**GREASE GUN** NO. 49-14-0300  
For Impact Wrench No. 9080



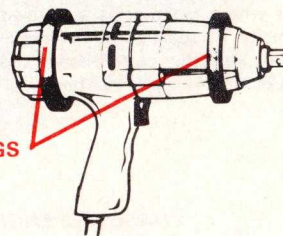
## 9070 3/4" SQUARE DRIVE

Perfect balance for fatigue-free use and plenty of power make this tool ideal for steel erection, equipment maintenance and other heavy-duty industrial applications. This tool has the same basic high quality impact mechanism as No. 9051 plus an increased torque range.

CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT./LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9070	115	6	1725	1700	175-250	11-7/8	10	13



**TOOL HANGER** For use  
with Model 9070, also  
for Models 9051 and 9056.  
NO. 49-17-0220



**PROTECTIVE RUBBER RINGS**  
For No. 9070  
Order **BUMPER KIT**  
No. 48-50-1010

**SPECIAL LUBRICANT** NO. 49-08-0100  
For mechanism—2-1/2 oz. tube





# HEAVY-DUTY IMPACT WRENCHES

WITH BALL DETENT SQUARE DRIVE

## 9052 1/2" SQUARE DRIVE

Balanced for fatigue-free use. Powerful MILWAUKEE built motor for heavy-duty industrial applications and equipment maintenance. Forward and reverse rotation is achieved by turning rear end-cap. Protective rubber ring on rear end-cap and rubber gear case cap help protect tool.

CATALOG NUMBER	VOLTS	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9052★	120	5.2	2200	2200	95-140	11-1/2	8-1/4	10-1/2
9057 KIT	120	5.2	2200	2200	95-140	11-1/2	17	19

★ Available in 240 Volts. Add -2 after Catalog Number when ordering.



An INTERLOCK lever prevents reversing while trigger switch is depressed... protects motor and hammer mechanism.



### STEEL CARRYING CASE ONLY

Without tool or accessories  
NO. 48-55-5010

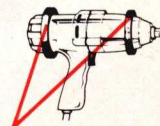
## NO. 9057 1/2" SQUARE DRIVE KIT

Contains No. 9052 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" Square Drive: 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".

## 9051 1/2" SQUARE DRIVE

A powerful impact wrench for setting, running or removing bolts, nuts, studs and screws...also taps, threads, rethreads, drills and reams. Forward and reverse rotation is achieved by turning rear end-cap. Brushes shift automatically for best commutation and efficiency.

CATALOG NUMBER	VOLTS AC	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE RANGE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9051	115	5	1900	1900	95-130	10-1/4	6-1/4	9-1/4
9056 KIT	115	5	1900	1900	95-130	10-1/4	13	16



### PROTECTIVE RUBBER RINGS

For Nos. 9051 and 9056  
Order BUMPER KIT  
No. 48-50-1000



### STEEL CARRYING CASE ONLY

Without tool or accessories  
NO. 48-55-5010

## NO. 9056 1/2" SQUARE DRIVE KIT

Complete with No. 9051 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" Square Drive: 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".

## 1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES



### UNIVERSAL JOINT NO. 48-03-0500

Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.



### TOOL HANGER NO. 49-17-0220

For Impact Wrench models 9051, 9056 and 9070.



### EXTENSION BAR NO. 48-95-5000

Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets or other accessories.



### KEYLESS CHUCK NO. 48-66-0010

Adapts to 1/2" Square Drive with capacity for accessories with 1/8" to 1/2" diameter shanks.



### QUICK CHANGE CHUCK NO. 48-66-0060

With 7/16" Hex Socket for Screw-Shooter Bits and Hole Saw Arbors or other accessories with 7/16" Hex Shanks. See pages 20 and 21 for Hole Saws.



### COLLET CHUCK NO. 48-66-0050

For round shank tools, drill and reamers 3/16" to 3/8" diameter...also taps and E-Z outs No. 10 to 1/2". Two wrenches are included.

### OPEN END WRENCH NO. 49-96-4680

Included and used with Collet Chuck No. 48-66-0050.

**SPECIAL LUBRICANT NO. 49-08-0100** For mechanism — 2-1/2 oz. tube.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS





# HEAVY-DUTY IMPACT WRENCH

WITH BALL DETENT 1/2" SQUARE DRIVE

**FAST** 2800 IMPACTS PER MIN.  
200 FT.-LBS. TORQUE  
for heavy-duty industrial applications.

**POWERFUL** 6.8 AMP  
MILWAUKEE motor

**BALANCED** COMPACT  
LIGHTWEIGHT

NEW

**9065**  
1/2"  
SQUARE  
DRIVE



FORWARD

HEAVY-DUTY  
ROCKER SWITCH

REVERSE

NEW

**9069**  
1/2"  
SQUARE  
DRIVE  
KIT



- GLASS REINFORCED NYLON HANDLE AND MOTOR HOUSING strong, lightweight, non-conductive. Textured nylon handle helps keep grip cool.
- HEAVY-DUTY ALUMINUM GEAR CASE
- EASY ACCESS TO BRUSHES
- GROUNDED WITH DOUBLE INSULATED CONSTRUCTION

## SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	IMPACTS PER MIN.	NO. LOAD RPM	TORQUE RANGE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
9065	120	6.8	2800	2400	200	9-15/16	6	7
9069 KIT	120	6.8	2800	2400	200	9-15/16	13	13-3/4

Complete with No. 9065 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" square drive.

NO. 49-66-3080 1/2" SOCKET  
NO. 49-66-3090 9/16" SOCKET  
NO. 49-66-3100 5/8" SOCKET  
NO. 49-66-3110 11/16" SOCKET  
NO. 49-66-3120 3/4" SOCKET  
NO. 49-66-3130 13/16" SOCKET



SOCKETS ALSO SOLD SEPARATELY

STEEL CARRYING CASE ONLY  
Without tool or accessories.  
NO. 48-55-5010

## 1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES



**QUICK CHANGE CHUCK** NO. 48-66-0060  
Used with 7/16" Socket Driver and Magnetic Sockets.

**7/16" SOCKET DRIVER AND MAGNETIC SOCKETS**  
For hex head screws and TEKS®

5/16" NO. 49-66-3170  
3/8" NO. 49-66-3180  
7/16" NO. 49-66-3190

**SOCKET DRIVER**  
NO. 48-32-2510

TEKS® registered trademark of Illinois Tool Works, Inc.

**POSITIVE DETENT KIT**  
NO. 49-17-0400

Replaces standard round detent pin on square drive.  
Socket will not slip off unless detent pin is pressed in.



**UNIVERSAL JOINT** NO. 48-03-0500  
Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.



**TOOL HANGER** NO. 49-17-0230  
For Impact Wrench model 9065.



**EXTENSION BAR** NO. 48-95-5000  
Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets or other accessories.



**PROTECTIVE RUBBER RINGS BUMPER KIT** NO. 48-50-1000  
Protective Rubber Rings for Impact Wrench No. 9065.

**TYPE "A" GREASE**  
NO. 49-08-0800  
1 lb. can

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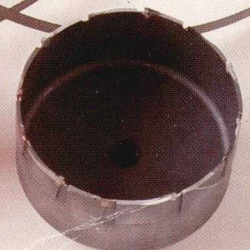
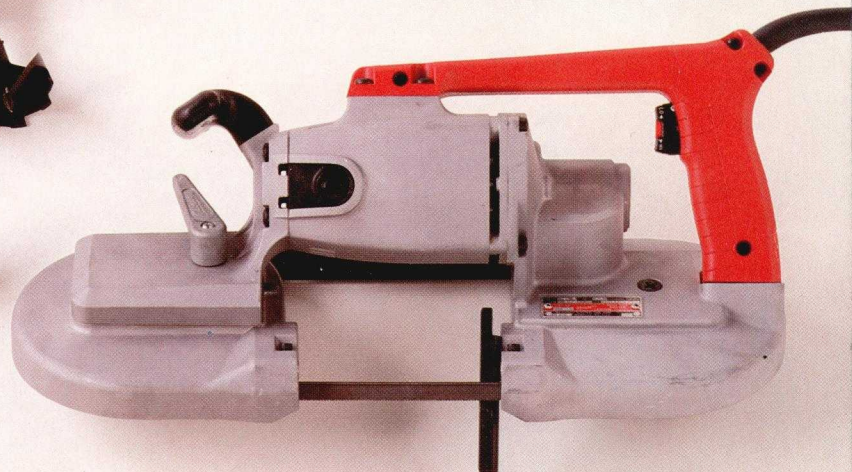


# Milwaukee®

## POWER & PERFORMANCE

### HEAVY-DUTY ELECTRIC TOOLS & ACCESSORIES

*for the Professional*



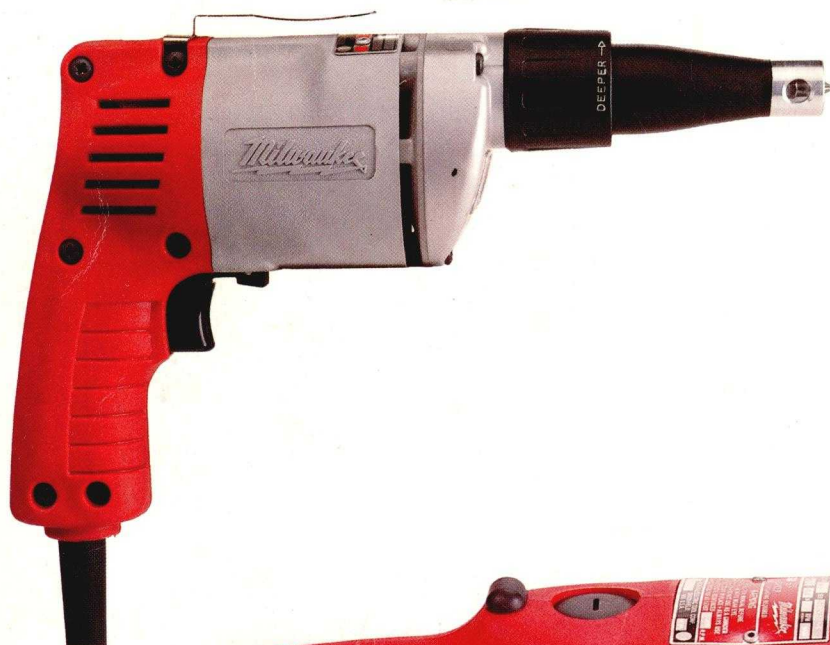
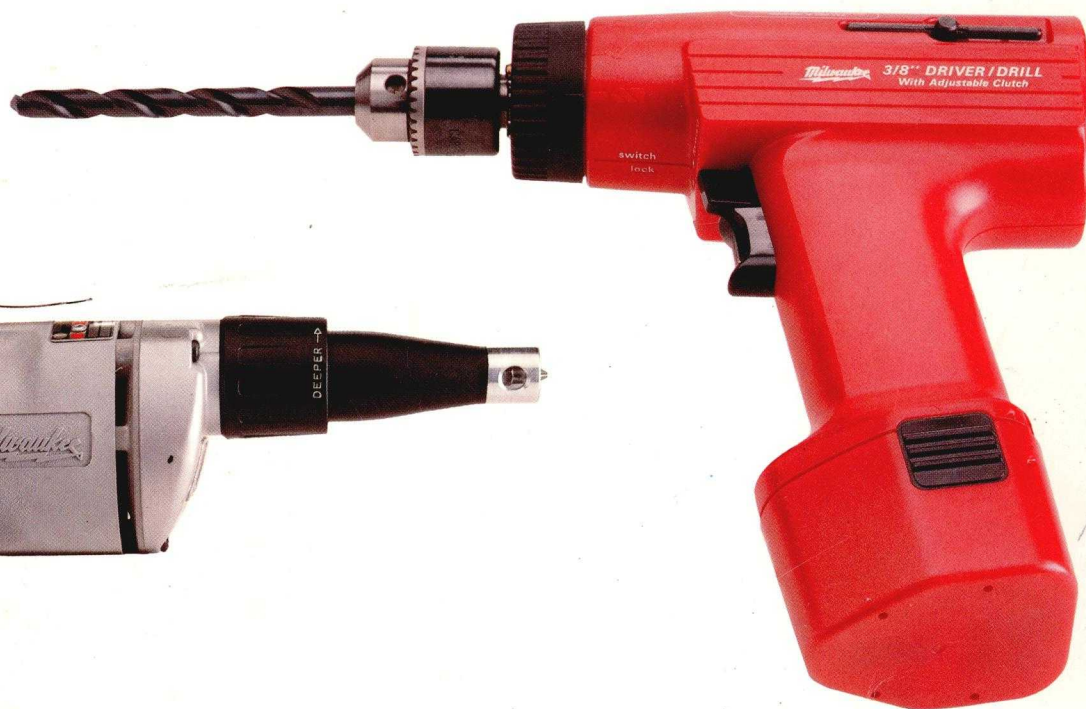


# MILWAUKEE ELECTRIC TOOL CORPORATION

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**Milwaukee®**  
A SUBSIDIARY OF  
**Amstar**  
CORPORATION

**HEAVY-DUTY TOOLS**  
*for the Professional*

LITHO IN U.S.A.